



INVEST IN THE FUTURE



French manufacturer
since 1964

Celebrating

60

years of innovation
1964 - 2024

Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores

2024



A solid manufacturing group

900 people € 130 000 000

C1+ Credit Rating Banque de France
55 000 m² 2 factories



INVEST IN THE FUTURE



French manufacturer since 1964

A family company



Nicolas & Bruno Bouygues

3 catalogues

3 500+ references



Welding, Plasma cutting & Induction heating



Car Body Welding Systems



Chargers, Boosters & Starters

A worldwide coverage

125 countries



GYS FRANCE
Laval

GYS GERMANY
Aachen

GYS U.K.
Rugby

GYS CHINA
Shanghai

GYS ITALIA
Venezia

GYS IBERICA
Madrid

CHARGERS

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www.gys.fr



visit with





CHARGERS

6 - 12 - 16 - 24 - 36 - 48 V

GYSFLASH

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BATIUM	40

SSM

Save and load settings. Automatic restart in case of power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :
Compatible with Start/Stop vehicles.
Compatible véhicules Start/Stop.
Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge-Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

Power supply mode

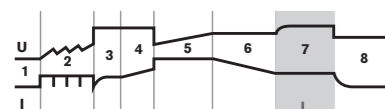
Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.
Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

SMART CHARGE 7 / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



REFRESH 8 STEP

Rebalancing of the battery cells for greater longevity (not available on all models).
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

CHARGERS
SMART HF
INVERTER Pb



12V

GYSFLASH 1.12

1 A

GO > 7 V SSM START STOP CAN BUS

7 STEP



029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A

GO > 2 V SSM START STOP CAN BUS

7 STEP



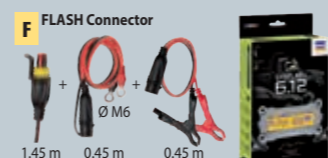
4.12 029422 UK: 029521
4.12S (110 V) 069190 072701 072817

GYSFLASH 6.12

0.8/6 A

GO > 2 V SSM START STOP CAN BUS

8 STEP REFRESH



029378
UK: 029613

GYSFLASH 8.12

8 A

GO > 2 V SSM START STOP

8 STEP REFRESH



029385
UK: 029545

GYSFLASH 12.12

12 A

GO > 2 V SSM START STOP

8 STEP REFRESH



029392
UK: 029552

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg		
GYSFLASH 1.12	220-240 V AC	1 m	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.44 kg	13 x 8 x 3.8 cm	30 x 15.5 x 6 / 0.6
GYSFLASH 4.12	220-240 V AC	2 m	70 W	0.8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.69 kg	17 x 9 x 5.1 cm	34.5 x 17.9 x 36.2 / 0.89
GYSFLASH 4.12S	100-127 V AC														
GYSFLASH 6.12	220-240 V AC	2 m	90 W	0.8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	19 x 10 x 5.2 cm	36 x 19.5 x 7 / 1
GYSFLASH 8.12	220-240 V AC	2 m	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	19 x 10 x 5.2 cm	36 x 19.5 x 7 / 1
GYSFLASH 12.12	220-240 V AC	2 m	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.4 x 20 x 6.8 / 1.3

DESIGN GYS FRANCE

MADE IN GYS CHINA



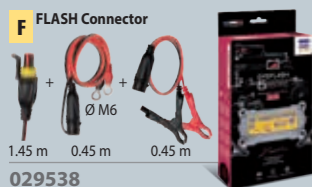
CHARGERS SMART HF INVERTER Pb



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A

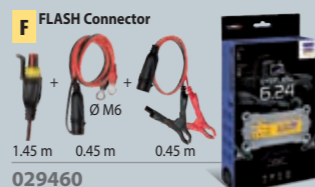


029538

6/12/24V

GYSFLASH 6.24

0.8/6 A



029460
029644

GYSFLASH 9.24

9 A



029477
029651

GYSFLASH TECHNOLOGY



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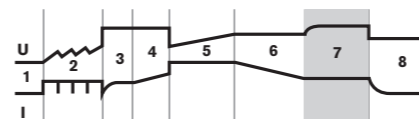


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Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

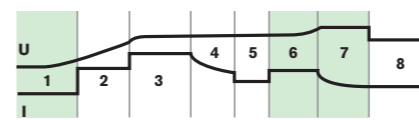
- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Refresh (for "8 step" only)
- Floating 100%



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Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

- UVP Wake up - Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%



UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
Réactivation de la batterie en protection UVP.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.



LiFePO4



12V

GYSFLASH 1.12 Lithium

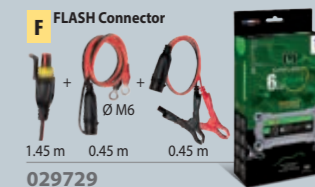
1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	IP	Weight	Dimensions	L x W x H cm / kg	
															Charging curve
GYSFLASH 6 HERITAGE	220-240 V AC	2 m	90 W	0.8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	19 x 10 x 5.2 cm	36.5 x 19.4 x 7 cm / 1
				0.8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1
GYSFLASH 6.24	220-240 V AC	2 m	130 W	0.8/4 A	24 V	1.2 > 100 Ah	1.2 > 140 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1
				9 A	6/12 V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3
GYSFLASH 9.24	220-240 V AC	2 m	190 W	6 A	24 V	15 > 125 Ah	15 > 170 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3
				9 A	6/12 V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3

DESIGN GYS FRANCE MADE IN GYS CHINA	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	IP	Weight	Dimensions	L x W x H cm / kg	
GYSFLASH 1.12 Lithium	220-240 V AC	1 m	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.44 kg	13 x 8 x 3.8 cm	29.7 x 15 x 5.7 / 0.6
GYSFLASH 6.12 Lithium	220-240 V AC	2 m	90 W	4/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 cm / 1



CHARGERS

SMART HF INVERTER

Pb/LiFePO4

NEW



OPTION
 Gysflash 18.12 PL,
 30.12 PL, 20.12/24 PL,
 10.36/48 PL

Magnetfix 20
 026063



x4

12V

12/24V

GYSFLASH 1.12 PL & 1.12 PL S

1A

GO > 7 V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



1.12 PL 026902 : 027541

1.12 PL S (110 V) 070851 072794 072824

GYSFLASH 8.12 PL

1/4/8A

GO > 2 V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



069282

GYSFLASH 18.12 PL

7/12/18A

GO > 2 V

GO > 2 V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026926

GYSFLASH 30.12 PL

7/15/30A

GO > 2 V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



029668 026070

GYSFLASH 20.12/24 PL

7/15/20A

GO > 2 V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026049 027558

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S	GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 x 32 Ah (Pb) 0.5 x 20 Ah (LiFePO4)	2 x 100 Ah (Pb) 0.5 x 50 Ah (LiFePO4)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,69 kg	17 x 9 x 5.1 cm	33 x 17,5 x 6 / 0.8
GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	15 x 160Ah (Pb) 1.2 x 160 Ah (LiFePO4)	15 x 240Ah (Pb) 1.2 x 240 Ah (LiFePO4)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,85 kg	19 x 10 x 5.2 cm	—
GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 x 270 Ah (Pb) 7 x 270 Ah (LiFePO4)	15 x 270 Ah (Pb) 7 x 270 Ah (LiFePO4)	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,55 kg	19 x 19 x 7.3 cm	30 x 22 x 9 / 1.9

DESIGN GYS FRANCE	MADE IN FRANCE	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg		
GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 x 375 Ah (Pb) 7 x 375 Ah (LiFePO4)	15 x 375 Ah (Pb) 7 x 375 Ah (LiFePO4)	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,85 kg	19 x 19 x 7.3 cm	30 x 22 x 9 / 2.2
GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/20 A 7/15 A 24 V	12 V 24 V	15 x 300 Ah (Pb) 7 x 300 Ah (LiFePO4)	15 x 300 Ah (Pb) 7 x 300 Ah (LiFePO4)	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,85 kg	19 x 19 x 7.3 cm	30 x 22 x 8.5 / 2.2

GYSFLASH TECHNOLOGY

SSM

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Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

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Start/stop Engine :

Compatible with Start/Stop vehicles.

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Geeignet für START-STOP- Fahrzeuge.

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t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

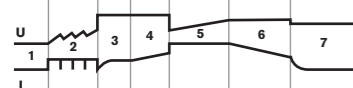
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SMART CHARGE 7 / 8 STEP LiFePO4

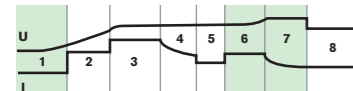
Pb

- 1. Status analysis
- 2. Recovery
- 3. Test desulfation
- 4. Desulfation
- 5. Fast charge 80%
- 6. Absorption
- 7. Floating 100%



LiFePO4 (LFP) / Li-ion

- 1. UVP Wake up
- 2. Recovery
- 3. Fast charge 90%
- 4. Absorption 95%
- 5. Test
- 6. Completion
- 7. Equalization
- 8. Floating 100%



UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
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Equalizing Balancing System
Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.

GYSFLASH Pb / LITHIUM

CHARGERS SMART HF INVERTER Pb / LiFePO4

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A

GO > 2V SSM START STOP Auto Recovery 7 STEP Pb 8 STEP LiFePO4 SC

2,5 m - 6 mm²
027381

GYSFLASH Pb

CHARGERS SMART HF INVERTER Pb

INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15A

GO > 2V SSM START STOP Auto Recovery 7 STEP Pb SC

5 m - 4 mm²
025813

Double insulation

ROBUST & SAFE
2 pts connection

OPTIONS

NATO CONNECTOR 026780

DIN 1490 CONNECTOR 028784

2 pts/NATO Spiral 5 m 028968

2 pts/DIN 1490 Emergency vehicle 5 m 028777

2 pts/NATO 5 m - 4 mm² 025837

MADE IN FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Dimensions
														L x W x H cm / kg
	GYSFLASH 32.12 PL	230V	500W	7/15/30 A	12V	10 · 400 Ah		<0.5 Ah/month	<150 mV Rms	IUoU	IP 23	4,7 kg	8 × 25 × 20 cm	36 × 27,5 × 20,5 / 4,6
	GYSFLASH 15.24 XTREM	230V	500W	7/10/15 A	12/24V	5 · 240 Ah		<1 Ah/month	<150 mV Rms	IUoU	IP 65	5,4 kg	7,5 × 25 × 21 cm	27 × 20 × 36 / 5,4

GYSFLASH TECHNOLOGY

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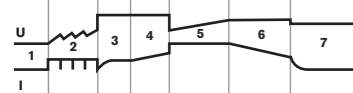
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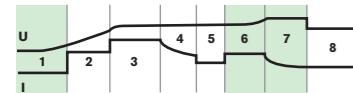
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5. Fast charge 80%
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GYSFLASH Pb / LITHIUM

CHARGERS

ELECTRICAL MOBILITY Pb/Lithium

LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A GO > 2 V

GO > 2 V SSM t°

7 STEP Pb 8 STEP LiFePO₄ 8 STEP Li-ion



027398



48 V

GYSFLASH 3.48 PL

3 A

GO > 5 V SSM t°

7 STEP Pb 8 STEP LiFePO₄ 8 STEP Li-ion



027893

INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

GYSFLASH 10.36/48 PL

10 A

GO > 5 V SSM t°

7 STEP Pb 8 STEP LiFePO₄ 8 STEP Li-ion



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	n cell	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	L x W x H cm / kg			
MADE IN GYS CHINA			2 m	190 W	6 A	24V	12 8 6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm	36.3 x 19.3 x 6.7 cm / 1.4
			2 m	195 W	3 A	48V	24 15/16 13/14	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm	36 x 19.5 x 7 cm / 1.2
MADE IN FRANCE			2 m	500 W	10 A	36V	18 12 9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm	22 x 30 x 8 cm / 2
					8 A	48V	24 15/16 13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm	22 x 30 x 8 cm / 2

ELECTRICAL MOBILITY

MOBILITY



OUTDOOR



INDUSTRY



MEDICAL



A complete solution • Une solution complète • Eine Komplettlösung



F Flash Connector GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL

F1 / Clamps L 0.45 m (1.3 mm²) All 026889	F2 / Charge indicator L 0.56 m (1.3 mm²) All 12V LEAD 029149	F3 / Eyelets ø M6 L 0.45 m (1.3 mm²) All 12V 029194 ø M8 L 0.45 m (1.3 mm²) 24V 36V 48V 027626	F4 / Charge indicator eyelets ø M6 L 0.56 m (1.3 mm²) All 12V LEAD 029200	F5 / Cigarette lighter L 0.45 m (0.82 mm²) 029439	F6 / Cable L 2.50 m (1.3 mm²) All 029057	F7 / Connector MLX L 0.45 m (1.3 mm²) 027589	F8 Adapter S / F - F / S L 0.45 m (1.3 mm²) 027480	F9 Adapter F / A L 0.45 m (1.3 mm²) 025820

S SAE Connector GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL

S1 / Clamps L 1.50 m (1.3 mm²) All + Showroom Gysflash 1212 027688	S2 / Eyelets ø M6 L 0.45 m (1.3 mm²) 12V 24V 027466 ø M8 L 0.45 m (1.3 mm²) 24V 36V 48V 027633 ø M10 L 0.45 m (1.3 mm²) 36V 48V 027640	S3 / XLR 3 pin L 0.45 m (1.3 mm²) 027428	S4 / T-Bar L 0.45 m (1.3 mm²) 027442	S5 Adapter S / A L 0.45 m (1.3 mm²) 027473	S6 KIT SAE / JACK (max 5 A) L 0.45 m (1.3 mm²) 025646	S7 / Cigarette lighter (max 10 A) Only for 8.12 PL L 0.45 m (1.3 mm²) 077331	S8 / Cable L 2.5 m (4 mm²) 077348

A ANDERSON Connector GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL

A1 / Clamps All L 1.90 m (4 mm²) 026094 L 6 m (4 mm²) 027435	A2 / Eyelets 4 mm² ø M6 L 0.40 m 12V 24V 027657 ø M8 L 0.40 m 24V 36V 48V 027664 ø M8 L 1.90 m 24V 36V 48V 027794 ø M10 L 0.40 m 36V 48V 027671	A3 / Anderson L 1.5 m (4 mm²) 027855

XTREM CABLES GYSFLASH 15.24 XTREM

2pts/NATO Spiral 5 m 028968	2pts/NATO 5 m - 4 mm² 025837	2pts/DIN14690 Emergency vehicle 5 m 028777

SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

SPECIAL PROJECT - CONTACT US

GYSFLASH	MEDICAL SERVICE - LEISURE					MOTORBIKE LIGHT MOBILITY			AUTO - CAMPER VAN - TRUCK					MARINE			INDUS TRY	URBAN			
	6V	12V	24V	36V	48V																
1.12														M							
1.12 PL														M							
4.12														M	M						M
6.12														M						M	
8.12		12V													M						
8.12 PL															M						
12.12																					
18.12 PL																					
30.12 PL																					
6 Heritage	6V	12V												M						M	
6.24 PL			24V																		
20.12/24 PL		12V	24V																		
6.24	6V	12V	24V					M						M		M			M		
9.24															M						M
3/48 PL					48V																
10.36/48 PL					36V 48V																

LiFePO4

1.12 Lithium														M						
1.12 PL														M						
6.12 Lithium																				
8.12 PL		12V																		
18.12 PL																				
30.12 PL																				
6.24 PL			24V																	
20.12/24 PL		12V	24V																	
3/48 PL					48V															
10.36/48 PL					36V 48V															

Li-ion

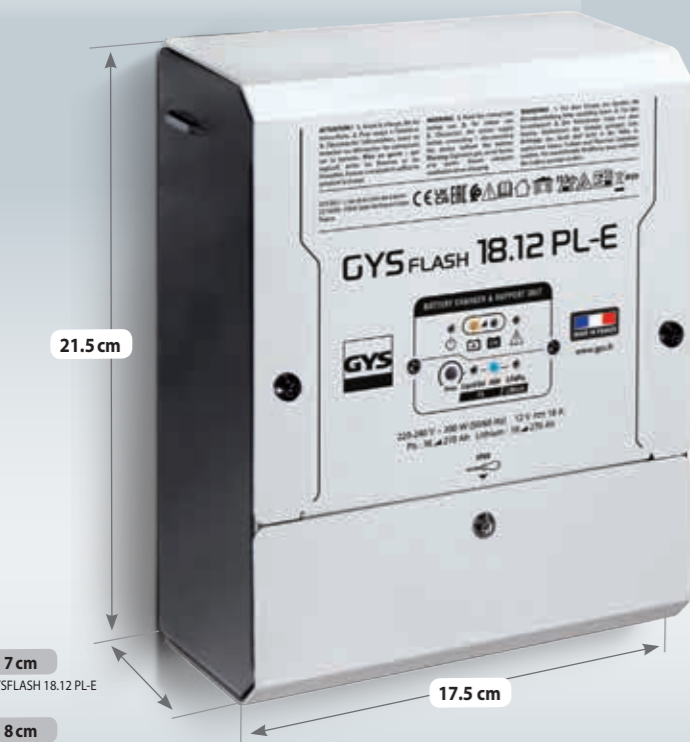
6.24 PL			24V																	
3/48 PL					48V															
10.36/48 PL					36V 48V															

M = maintenance only



CHARGERS ON BOARD

Pb NMC / LCO / MCO / NCA...
Lithium LiFePO4 / Li-ion / Li-Po



7 cm
GYSFLASH 18.12 PL-E

8 cm
GYSFLASH 30.12 PL-E
GYSFLASH 15.24 PL-E
GYSFLASH 10.36 PL-E
GYSFLASH 8.48 PL-E

12V

GYSFLASH 18.12 PL-E
18 A
Pb / LFP
025806

GYSFLASH 30.12 PL-E
30 A COMING SOON
Pb / LFP

SSM **SAVE AND LOAD SETTINGS**
PFC **POWER FACTOR CORRECTION**
185 V ↔ 265 V

INCLUDED

Ø 5.5 mm
GYSFLASH 18.12 PL-E, 15.24 PL-E, 8.48 PL-E
Fixing Kit

OPEN & CONNECT

cables not included

4 pts connector included 3G 0.75 > 2.5 mm²

3 pts connector included max 2.5 mm² or AWG14



24V

GYSFLASH 15.24 PL-E
15 A
Pb / Traction / LFP / Li-ion
025943



48V

GYSFLASH 8.48 PL-E
8 A
Pb / Traction / LFP / Li-ion
025950

NEW
01 / 2024

SMART CHARGE

Pb

- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Floating 100%

LiFePO4 (LFP) / Li-ion

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

Pb TRACTION

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
Réactivation de la batterie en protection UVP.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.

GYSFLASH PL-E TECHNOLOGIES

SSM Save and load settings. Automatic restart in the event of a power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.
Auto Recovery : Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

ALU RUST PROTECTION

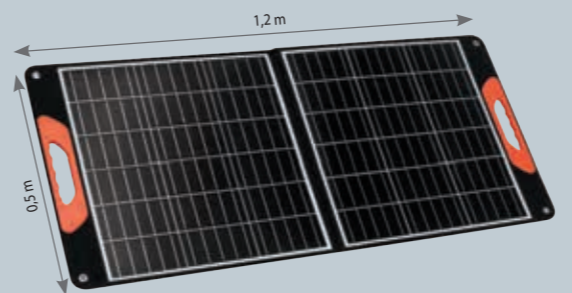
ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

HIGH EFFICIENCY Up to 15% Energy Saving
93%

EMC class B



Solar panel

foldable

monocrystalline - ETFE quality
18V - 100 W max

OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max

compatible with Energys DC/DC 50.12/24

079410



ON BOARD POWER INVERTER

Pb Liquid / Gel, AGM
Lithium LiFePO4



DC > DC REVERSIBLE

NEW
05 / 2024

ENERGYS DC/DC 50.12 / 24
50 A

OPEN & CONNECT

Terminals included
Auxiliary connector included
cables not included

72534	Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
	U	I max	U	I max	U _{mppt}	I max				
ENERGYS DC/DC 50.12/24	12/24V	50A	12/24V	50A	9-30V	20A	98%	<5 mA	135 x 35 x 200	570

EURO 6 STANDARD

when starting the vehicle

ALTERNATOR → **IN** → **OUT**

MORE OUTPUT POWER

PARALLEL CHARGING

50 A + 50 A + 50 A = 150 A

DOUBLE CHARGING vehicle stopped

WITH GYSFLASH

max 5 A

IN → **OUT**

WITH SOLAR PANEL MPPT integrated (Max Power Point Tracker)

max 5 A

IN → **OUT**

NEW
05 / 2024

Battery monitor - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V

Data analysis : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

Security detection : Overvoltage/Undervoltage, Overcurrent, Overheating

082557

NEW
05 / 2024

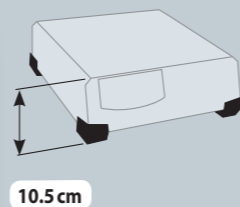
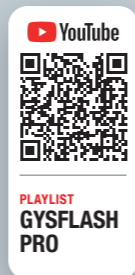
Battery coupler - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesito batteria - Separator akumulatora

12 V - 140 A
Pb battery only
Euro 6 not compatible

082564

MADE IN FRANCE	50 / 60 Hz	START MINI	I max	25°C @ 100%	40°C @ 100%	50°C @ 100%	60°C @ 100%	Pb		LFP		Zz	Ondulation/ Ripple	IP	kg	mm	L x W x H cm / kg
								U	W	U	W						
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18A	18A	16A	14A	12.5A	36 / 270 Ah	18 / 270 Ah	<0.4 Ah /month	<150 mV Rms	20	1.3 kg	21.5 x 17.5 x 7 cm	30 x 27 x 13 / 1.7
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30A	30A	27A	23A	18A	60 / 400 Ah	30 / 400 Ah	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15A	15A	13.5A	11.5A	9A	30 / 240 Ah	15 / 240 Ah	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	29 x 13 x 27 / 2
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8A	8A	6A	4.5A	3.5A	15 / 160 Ah	8 / 160 Ah	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—

CHARGERS
BSU & CHARGERS
BATTERY SUPPORT UNIT



PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V — 265 V



22 languages

GB DK CZ
FR FI PL
DE TR SK
NL HR UA
ES GR
PT HU
IT CN simplified
RU CN traditional
SE JP

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 8 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Refresh
- Floating 100%

LiFePO₄ **7 steps**

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Completion
- Equalization
- Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

BSU

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE



12 V

GYSFLASH 30.12 30 A PFC SC 2,5 m - 6 mm ² 029224	GYSFLASH 50.12 FV 50 A PFC FV SC 2,5 m - 10 mm ² 026056	GYSFLASH 100.12 100 A PFC SC 2,5 m - 16 mm ² 029071 029453 5 m - 16 mm ² 029415 029002
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6 / 12 / 24 V

GYSFLASH 30.24 30 A PFC SC 2,5 m - 6 mm ² 029231	GYSFLASH 50.24 50 A PFC SC 2,5 m - 10 mm ² 029095 5 m - 16 mm ² 029620
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12 V

GYSFLASH 102.12 100 A PFC SC 5 m - 16 mm ² 029606
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ACCESSORIES p.34

MADE IN FRANCE	50 / 60 Hz	L	mm ²	V	START MINI	I max	25°C @ 100%	40°C @ 100%	Traction BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions	Volume
GYSFLASH 30.12	185 > 265V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 · 400 Ah	—	4.9 kg	25 × 10.5 × 23 cm	41.4 × 25 × 31.1 / 4.9
GYSFLASH 50.12 FV	85 > 265V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 · 600 Ah	—	6.6 kg	30 × 10.5 × 29 cm	40 × 24 × 30 / 6.6
GYSFLASH 100.12	185 > 265V	2,5 m / 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	7.4 kg / 8.3 kg	32 × 10.5 × 29.2 cm	31 × 25 × 41 / 7.4
GYSFLASH 30.24	185 > 265V	2,5 m	6	6V / 12V / 24V	540 W	2V	30 A / 30 A / 15 A	30 A / 30 A / 15 A	30 A / 30 A / 15 A	10 · 400 Ah / 10 · 200 Ah	•	4.9 kg	25 × 10.5 × 23 cm	41.5 × 24.3 × 31 / 4.9
GYSFLASH 50.24	185 > 265V	2,5 m / 5 m	10	6 V / 12V / 24V	1600 W	2V	50 A / 50 A / 45 A	50 A / 40 A / 35 A	45 A / 40 A / 35 A	10 · 600 Ah	•	6.6 kg / 7.9 kg	30 × 10.5 × 29.2 cm	41 × 24.5 × 31 / 6.6
GYSFLASH 102.12	185 > 265V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	9.1 kg	12 × 34.5 × 29.5 cm	24 × 40 × 30 / 9.1



CHARGERS BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology
**FULLY
CUSTOMIZABLE**
p.30

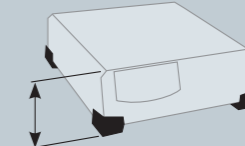
PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE
85 V ← 265 V

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK UA
- ES TR HU
- PT HR
- IT HU



10.5 cm
51.12 CNT
101.12 CNT

13 cm
121.12 CNT FV
125.12 CNT FV
101.24 CNT FV
51.48 CNT FV

**12 V (factory preset)
16/24 V READY**

Use custom configuration tool (detail p.30)



12 V

GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm²
068179



GYSFLASH 101.12 CNT FV

100 A

PFC FV SC CNT

2,5 m - 16 mm²
025790
5 m - 16 mm²
026988



GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
026971
027756
071605



GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm²
028883



6 / 12 / 16 / 24 V

GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT

16 V
5 m - 25 mm²
025967



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV

50 A

PFC FV CNT

16 V
5 m - 10 mm²
072015



SC

SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- GEL
- AGM
- LIQUID
- EASY
- NORMAL
- BOOST
- RECOVERY+
- and more

Pb TRACTION

- GEL
- LIQUID
- and more

LITHIUM

- LFP/LiFePO₄
- LI-ION STD
- LFP CELL+
- LI-ION CELL+
- and more

BSU (10 CURVES CAPACITY)

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

TEST

- VOLTAGE
- START UP
- ALTERNATOR

STARTER

- START

CNT

Connected Modules & Technology p.30

MADE IN FRANCE	50/60 Hz	L	mm ²	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg			
GYSFLASH 51.12 CNT FV	85 > 265 V	2,5 m	10	12V / 24V	850 W	1 V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 > 600 Ah / 10 > 300 Ah	•	0 M6	41	6.8 kg	30 x 10.5 x 29 cm / 38.5 x 22 x 40.5 / 6.8
GYSFLASH 101.12 CNT FV	85 > 265 V	2,5 m / 5 m	16	12V	1600 W	1 V	110 V : 100 A / 230 V : 100 A	50 A / 75 A	50 A / 66 A	20 > 1200 Ah	•	0 M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm / 35.5 x 23 x 35 / 8.6
GYSFLASH 121.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 > 1500 Ah	•	0 M6	20	10.4 kg	31 x 13 x 26 cm / 35.5 x 23 x 35 / 10.4
GYSFLASH 125.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 > 1500 Ah	•	0 M6	40	10.9 kg	31 x 13 x 26 cm / 38.5 x 22 x 40.5 / 10.9
GYSFLASH 101.24 CNT FV	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1 V	110 V : 100 A / 230 V : 100 A	72 A / 89 A	47 A / 68 A	20 > 1200 Ah	•	0 M6	20	10.6 kg	31 x 13 x 26 cm / 38.5 x 22 x 40.5 / 10.6
GYSFLASH 51.48 CNT FV	85 > 265 V	5 m	10	6/12/24V / 36/48V	3200 W	1 V	110 V : 50 A / 230 V : 50 A	44 A / 49 A	21 A / 39 A	10 > 600 Ah	•	0 M6	20	9 kg	31 x 13 x 26 cm / 41 x 22 x 38.5 / 9



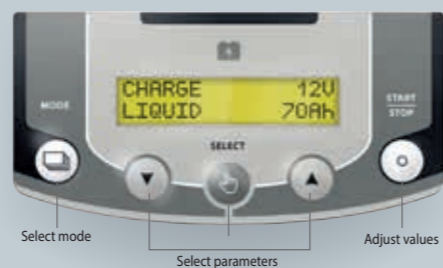
GYSFLASH PRO CNT

CHARGERS

BSU & CHARGERS
BATTERY SUPPORT UNIT

CNT
Connected
Technology

**FULLY
CUSTOMIZABLE**
p.30



22 languages

GB	NL	IT	DK	HR	PL	UA	CN simplified
FR	ES	RU	FI	GR	SK		CN traditional
DE	PT	SE	TR	CZ	HU		JP

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE

85 V — 265 V
110 V — 230 V

INCLUDED

Fixation

OPTIONS

Magnetfix 50 029637

GYSFLASH PRO vertical wall mounting kit 082694

NEW



12 V

6 / 12 / 16 / 24V

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm²
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
025677



GYSFLASH 53.24 CNT FV

50 A

PFC FV CNT SC 16 V

5 m - 10 mm²
082540



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
025684



SC

SMART COOLING TECHNOLOGY

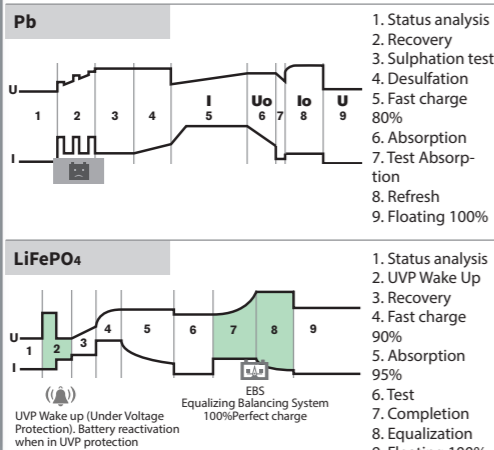
100% DUST PROOF



SILENT



SMART 9 STEP



CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU (10 CURVES CAPACITY)

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

✓ TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ STARTER

- ✓ START

CNT

Connected Modules & Technology p.30



MADE IN FRANCE

	50 / 60 Hz	mm ²		START MINI	I max	25°C @ 100%	40°C @ 100%		TRACTION BATTERIES	SHOWROOM CONNECT	IP		L x W x H cm / kg			
GYSFLASH 103.12 CNT FV	85 > 265 V	5 m	16	12V	1600 W	1V	110 V : 100 A 230 V : 100 A	50 A 75 A	50 A 66 A	20 > 1200 Ah	—	Ø M6	21	8,2 kg	34,5 × 29,5 × 12 cm	41 × 38,5 × 22 / 9,2
GYSFLASH 123.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A 230 V : 50 A	100 A 120 A	85 A 120 A	20 > 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35,5 × 23,5 × 35 / 11
GYSFLASH 53.24 CNT FV	85 > 265 V	5 m	10	6/12V 24V	1600 W	1V	50 A 110 V : 25 A 230 V : 50 A	110 V : 40 A 230 V : 50 A	110 V : 27 A 230 V : 41 A	10 > 600 Ah	•	Ø M6	21	5,8 kg	33,5 × 11 × 27 cm	41 × 38,5 × 22 / 11
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12V 24V	3200 W	1V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 > 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11



25

GYSFLASH PRO CNT

BSU & CHARGERS



CHARGERS

BSU & CHARGERS

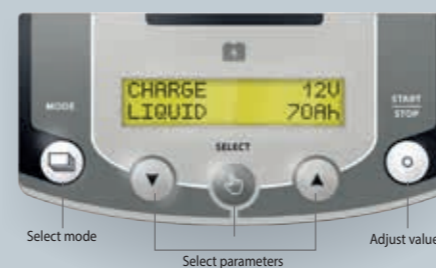
BATTERY SUPPORT UNIT

CNT
Connected
Technology
FULLY CUSTOMIZABLE
p.30

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE
85 V ← 265 V



22 languages

- GB NL IT DK HR PL UA CN simplified
- FR ES RU FI GR SK CN traditional
- DE PT SE TR CZ HU JP

TRACTION



NEW

19 languages

- GB FI
- FR TR
- DE HR
- NL GR
- ES CZ
- PT PL
- HU SK
- IT RU
- SE UA
- DK

6 / 12 / 16 / 24V

GYSFLASH 107.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
082939



INCLUDED

Fixation



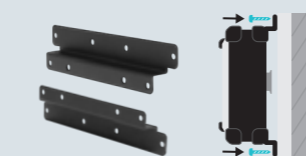
OPTIONS

Magnetfix 50
029637



GYSFLASH PRO vertical wall mounting kit
082694

NEW



6 / 12 / 16 / 24 / 36 / 48V

GYSFLASH 25.48 CNT FV

25 A

PFC SC FV CNT 16 V

5 m - 10 mm²
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT 16 V

5 m - 10 mm²
025998



SC

SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVES CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU (10 CURVES CAPACITY)

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

✓ **TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ **STARTER**

- ✓ START

CNT

Connected Modules & Technology p.30

MADE IN FRANCE	50 / 60 Hz	L	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg			
GYSFLASH 107.24 CNT FV	85 - 265V	5 m	25	1V	6/12V	3200 W	110V : 100 A 230V : 100 A	100 A 100 A	68 A 79 A	•	0 M6	30	11 kg	34 x 25 x 15 cm	35 x 23 x 37 / 11
					24V	110V : 50 A 230V : 100 A	50 A 95 A	47 A 72 A	20 x 1200 Ah	21	7,8 kg	12 x 34,5 x 29,5 cm	40,5 x 38 x 22,5 / 8,8		
GYSFLASH 25.48 CNT FV	100 - 127V 220 - 240V	5 m	10	1V	6/12/24V	800 W 800 W	110V : 12 A 230V : 25 A	19 A 23,5 A	12 A 22 A	•	0 M6	21	7,8 kg	12 x 34,5 x 29,5 cm	40,5 x 38 x 22,5 / 8,8
					36/48V	800 W 1600 W	13 A 24 A	10 A 20 A	10 x 300 Ah	30	9,5 kg	34 x 25 x 15 cm	40 x 39 x 23 / 9,5		
GYSFLASH 53.48 CNT FV	85 - 265V	5 m	10	1V	6/12/24V	3200 W	110V : 50 A 230V : 50 A	50 A 50 A	28 A 41 A	•	0 M6	30	9,5 kg	34 x 25 x 15 cm	40 x 39 x 23 / 9,5
					36/48V	110V : 25 A 230V : 50 A	26 A 48 A	20 A 37 A	10 x 600 Ah	30	9,5 kg	34 x 25 x 15 cm	40 x 39 x 23 / 9,5		



CHARGERS

BSU FACTORY

BATTERY SUPPORT UNIT

CNT
Connected
Technology
**FULLY
CUSTOMIZABLE**
p.30

CAR MANUFACTURING



19 languages

- GB ES RU TR PL
- FR PT SE HR SK
- DE HU DK GR UA
- NL IT FI CZ



AUTOMATION

I/O communication

5 inputs (ON/OFF switch) : select Modes, START/STOP... up to 32 combinations

5 outputs (relays) : Get back informations (charge in progress, charge ok, error...) up to 32 combinations.

CAN communication

Full control. Get back informations.



USB
USB Barcode scanner
1D/2D
027718
Set a mode by QR code (or barcode)

SMC
CNT SLM
027978

**SPECIAL PROJECT
- CONTACT US**

CNT

Connected
Modules
& Technology
p.30



CHARGE (150 CURVES CAPACITY)

- Pb CHARGE** ✓ LEAD ACID ✓ and more
- Li CHARGE** ✓ LITHIUM ✓ and more

SUPPLY (10 CURVES CAPACITY)

EPS (External Power Supply)
✓ and more

POWER-UP

LITHIUM REACTIVATION MODE

CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_ges 250:00:00
U_low 5.0 V
  
```

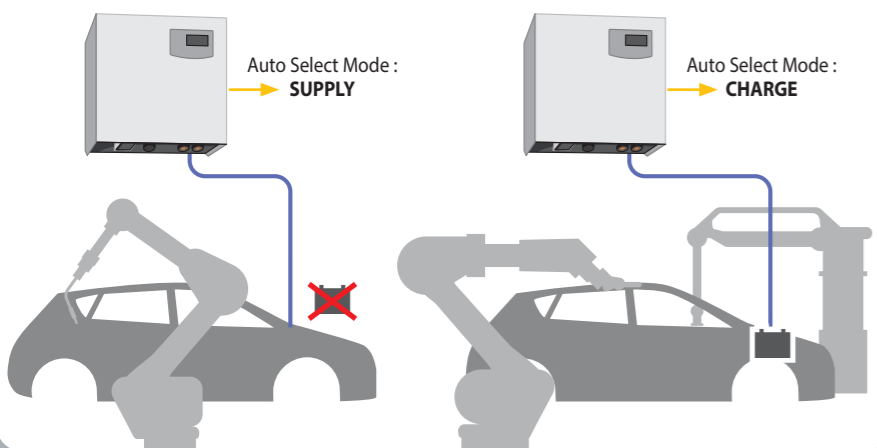


*No computer or USB key needed

ACCESS RESTRICTION



AUTOMATIC BATTERY DETECTION & MODE SELECTION



SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

IP 54

DUST & SPLASH PROTECTION

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE

85 V ← 265 V

GYSFLASH 148.12 CNT FV

320V ← 520V

GYSFLASH 158.12 CNT FV

NEW



12 V

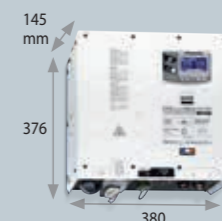


GYSFLASH 148.12 CNT FV

145 A

PFC SC FV CNT

069916



GYSFLASH 158.12 CNT FV

150 A

SC FV CNT

069909

MADE IN FRANCE	50 / 60 Hz	~	L	mm ²	START MINI	I _{max}	25°C @ 100%	40°C @ 100%	60°C @ 100%	IP	9.4 kg	37.6 × 14.5 × 29.6 cm		
GYSFLASH 148.12 CNT FV	85 > 265V	1	5 m	25	12V	2500W	1V	110 V : 100 A 230 V : 145 A	100 A 90 A	62 A 88 A	20 > 1200 Ah 20 > 1800 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 158.12 CNT FV	320 > 520V	3	5 m	25	12V	2500W	1V	150 A	140 A 120 A	100 A	20 > 1800 Ah	54	10.3 kg	37.6 × 14.5 × 38 cm

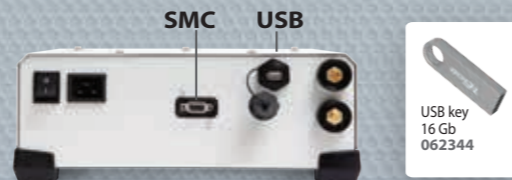


CHARGERS

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology



USB key
16 Gb
062344



SPECIAL PROJECTS
Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

SOFTWARE UPDATE LIFETIME EVOLUTION



TRACEABILITY CHARGING DATA



DESIGN YOUR CHARGING CURVE PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

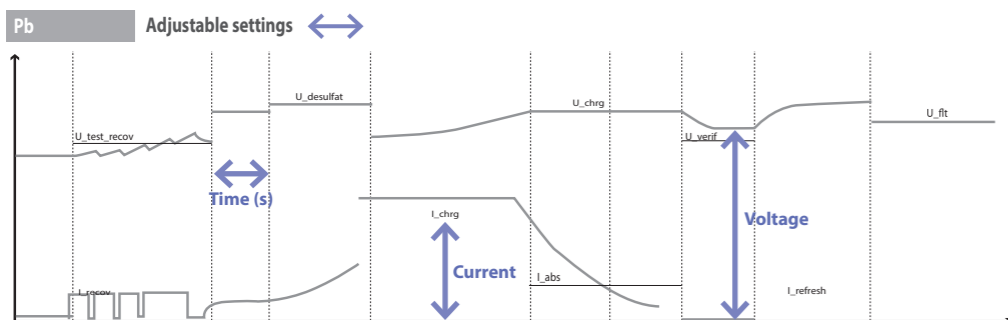
CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi products management
- Import/export configurations
- ...



Full customisation

Create your online specific configuration



Adjust your product to your charging needs

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
VOLTAGE CELL (20% - 100%)	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
CHARGING VOLTAGE	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
Gysflash xx.12 CNT	1 S* – 6 S	1 S – 4 S	1 S – 3 S
Gysflash xx.24 CNT	1 S – 12 S	1 S – 8 S	1 S – 7 S
Gysflash xx.48 CNT	1 S – 24 S	1 S – 16 S	1 S – 14 S

*S = Battery serial cells

Download a GYS specific configuration

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE				MISCELLANEOUS				
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE		
		normal	AGM	liquid	Easy	Boost	Recovery + Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+								liquid	gel
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles												✓							
4_pro_lithium.gfc	Professional of lithium battery									✓	✓	✓				✓	✓	✓		
5_traction.gfc	Forklift truck, electric pallet truck, stacker...																	✓	✓	
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MODULES EXTREME MODULARITY

SINGLE MODULE



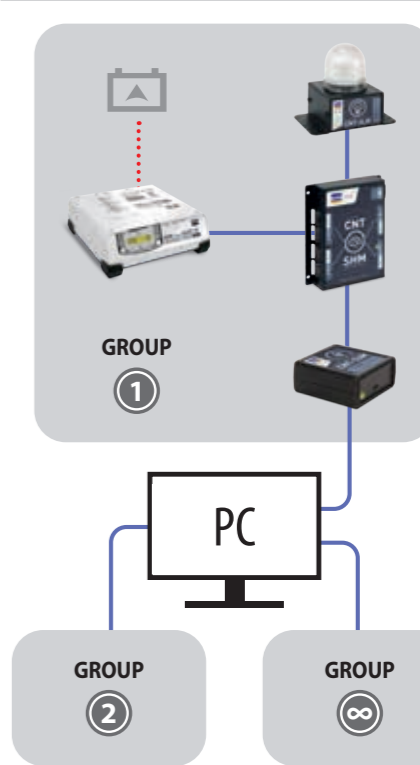
MULTI MODULES



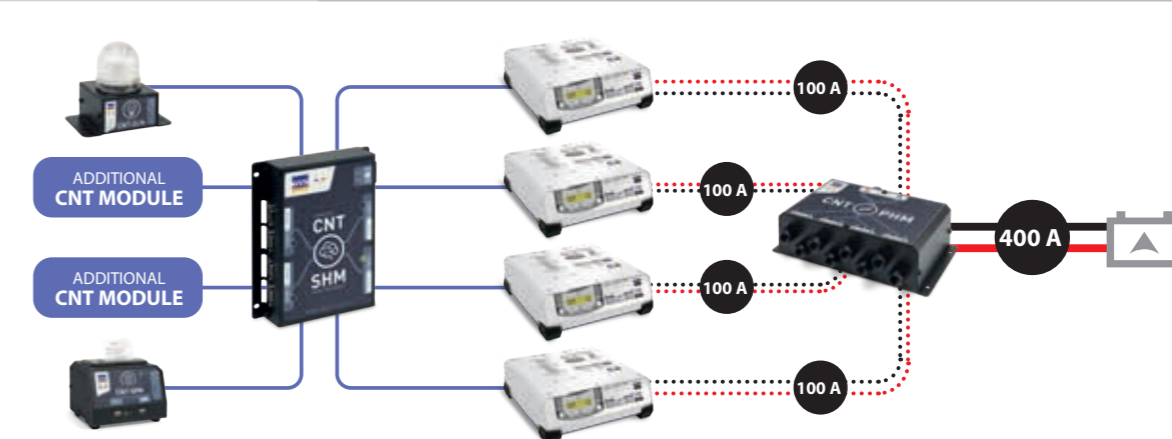
ADVANCED



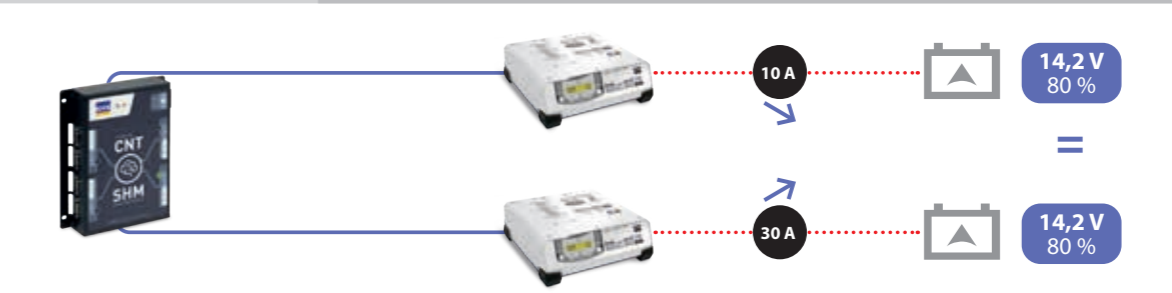
MULTI MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)



EQUALIZE CHARGING USE CASE : DIAGNOSTIC & RESPROGRAMMING OF TRUCKS





CHARGERS

BSU & CHARGERS

BATTERY SUPPORT UNIT

CNT
Connected
Technology

COMING SOON

LoRa Sigfox CAN BUS and More...



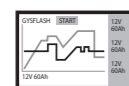
NEW CNT-SCM
Smart Can Module

SMART COMMUNICATION

CNT-SUM
Smart USB Module
025974

USB micro A
↳ 6.9 x 6.8 x 2.9 cm / 85g
☞ 28.5 x 11 x 11.5 cm / 380g

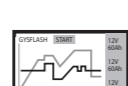
Computer /
Diag System



CNT-SWM
Smart Wireless Module
070837

Bluetooth Wifi
COMING SOON
↳ 6.9 x 6.8 x 2.9 cm / 85g
☞ 27.6 x 9.6 x 9.6 cm / 440g

Computer /
Diag System



SMC Cable
1 m
056596



SMC Cable
1 m
056596



Scratch
fixation

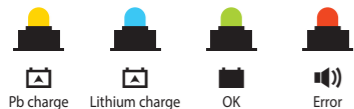
Magnetic
fixation



LIGHT & SOUND

CNT-SLM
Smart Light Module
027978

65dB



↳ 12.6 x 14.6 x 9.3 cm / 560g
☞ 23 x 17 x 13 cm / 840g

SMC Cable
1 m
056596



PRINT

CNT-SPM
Smart Printer Module
026919

↳ 14 x 10.5 x 13.3 cm / 1.4 kg
↳ 23 x 17 x 13 cm / 1.9 kg



SMC Cable
1 m
056596



Standard roller x2
57 mm x 7.5 mm, Ø 25 mm
056633



OPTIONS

Support Barcode scanner 025745
USB Barcode scanner 1D/2D 027718

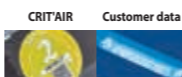
USB Keyboard
AZERTY 027725
QWERTY 027770
QWERTZ compatibility



SCAN

USB Barcode scanner
1D/2D
027718

USB direct connection



SMC CABLE

1 m 056596 3 m 025691



YouTube
PLAYLIST
CNT TECHNOLOGY

SMART HUB MODULE

INCLUDED

CNT-SHM
Smart Hub Module
025981

↳ 22 x 18 x 4.5 cm / 1 kg
☞ 16.4 x 13.4 x 24 cm / 1.7 kg

SMC Cable
1 m
056596



UP TO 4 MODULES + 4 GYSFLASH



POWER HUB MODULE

CNT-PHM
Power Hub Module
056589

↳ 31.7 x 24.5 x 9 cm / 2.7 kg
☞ 32 x 29 x 13.5 cm / 3.2 kg

4 GYSFLASH IN
Ø Cables: 10 → 25 mm²



INCLUDED
M6 KIT



OUT Ø Cables: 25 → 70 mm²





CHARGERS

STANDARD ACCESSORIES



ANDERSON CABLES

	Anderson/Clamps	Anderson/NATO	Anderson<->Rema	Anderson<->Anderson	Anderson<->Texas
for GYSFLASH	2.5 m - 16 mm ² 056503	5 m - 16 mm ² 026810	160 A 5 m - 16 mm ² 069091	175 A 5 m - 16 mm ² 069107	0.2 m - 16 mm ² 055902
	5 m - 16 mm ² 054615				1 m - 16 mm ² 028791
	8 m - 16 mm ² 056572				
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



TEXAS CABLES

	Texas/Clamps	Texas/Rema 160 A	Texas/Anderson 175 A	Texas/NATO
for GYSFLASH	2.5 m - 25 mm ² 028876	5 m - 25 mm ² 025714	5 m - 25 mm ² 025721	
	5 m - 25 mm ² 027886			5 m - 25 mm ² 025707
				10 m - 25 mm ² 056626
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓

PARALLEL CABLES KIT

072954 =

Anderson/Cable lugs M6 x2 16 mm² 1 m

Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm² 5 m

Texas/Cable lugs M6 x2 25 mm² 1 m

M6 KIT
Ø16 (x4)
Ø25 (x4)
Ø35 (x4)

SMC Cable - 1 m

CONNECTORS

NATO
026780

DIN14690
028784

INTERNAL FUSES

40 A
for GYSFLASH 30
054646

80 A
for GYSFLASH 40, 50
054653

125 A
for GYSFLASH 100, 101, 102
054585

150 A
for GYSFLASH 121, 123, 103
027930

EXTERNAL FUSES

6.3 A
GYSFLASH 30
054578

10 A
GYSFLASH 40, 50, 100, 101, 102
056527

SUPPORTS

Wall support for GYSFLASH
32.12 PL, 102.12, 123.12, 103.12, 103.24,
15.24 XTREM, 25.48, 53.48

INCLUDED Fixation

OPTION Magnetfix 50
029637

OPTION GYSFLASH PRO vertical wall mounting kit
082694

Wall support - Tablette
Wandhalterung
055513

↓ 21 x 43 x 57 cm / ▲ 3.9 kg
↑ 36 x 43 x 20 cm / ▲ 3.3 kg

Heavy-duty case
Valise de chantier
Hartschalenkoffer
060432

IP67

Battery charging rack
Rack de charge
Ladeständer
079595

175 cm
85 cm



CONFIGURATION (Trolley - Chariot - Fahrwagen)

▲▲▲ VERTICAL ▲▲▲
▲▲▲ HORIZONTAL ▼▼▼

ALL GYSFLASH - COMPATIBILITY -

Trolley - Chariot Fahrwagen
028890

OPTION SLM/SPM support
028906

OPTION Cable support
052284

OPTION Protective cover
062733

GYSFLASH CNT PACKS

	101.12 CNT	121.12 CNT	CNT-SPM + roller + support	Barcode Scanner + support	Trolley	CNT SLM	CNT SHM	CNT PHM	Parallel cables kit
pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓ QWERTY	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓ AZERTY	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓ QWERTY	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓ AZERTY	—	—	—	—
pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓ AZERTY	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓ QWERTY	✓	✓	✓	✓
pack Parallel Charging 072961	—	—	—	—	—	—	✓	✓	✓
pack GYSFLASH PRO 1 079908	—	—	✓	✓	✓ AZERTY	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	✓	✓	✓ QWERTY	✓	✓	—	—



CT

CHARGERS



CT 160
9 A
 SSM
 1.5 m - 1.5 mm² → 40 A
 024106
 025325



CT 210
12 A
 SSM
 1.5 m - 2.5 mm² → 40 A
 024113
 025349

12/24 V • MANUAL W

CA



Protection for on-board electronics



CA 150
10 A
 SSM
 1.5 m - 2.5 mm² → 40 A
 024434



CA 360
25 A
 SSM
 2 m - 6 mm² → 60 A
 023185

12/24 V • AUTOMATIC W2

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48
32 A
 SSM
 026087

12/24/36/48 V • MANUAL W

WATTMATIC



Protection for on-board electronics



WATTMATIC 100
5 A GO > 3.5 V
 SSM START STOP
 024823
 025417
 1.5 m - 1.5 mm² → 40 A



WATTMATIC 140
9 A GO > 3.5 V
 SSM START STOP
 025608
 025622
 1.5 m - 2.5 mm² → 40 A



WATTMATIC 170
10 A GO > 3.5 V
 SSM START STOP
 025615
 025639
 1.8 m - 2.5 mm² → 40 A

6/12 V • AUTOMATIC WUoU



Fuse x10

10A WATTMATIC 100 054530

15A CT 160, WATTMATIC 140 054493

20A CT 210, WATTMATIC 150 & 170 054509

25A CA 150, WATTMATIC 180 054516

40A CT 48 054646

50A CA 360 054622

	Input	Output	Power	CHARGE				Efficiency / RMS	Reg	Fuse	L x W x H cm / kg	Weight
				Average / Moyen (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
CT 160	230V, 50/60 Hz	12V/24V	190W	12V > 7A 24V > 3A	9A (boost) 5A (boost)	—	13,5A 7,5A	2 2	15A	30.3 x 20.7 x 13.9 / 3.9	3,9 kg	
CT 210	230V, 50/60 Hz	12V/24V	260W	12V > 8A 24V > 4A	12A (boost) 6A (boost)	—	18A 9A	2 2	20A	33.4 x 22.5 x 14.4 / 5.3	5,2 kg	
MULTICHARGE CT 48	230V, 50/60 Hz	12/24/36/48V	1200W	12V > 20,8A 24V > 20,1A 36V > 19,6A 48V > 15,5A	32,4A 31,8A 30,4A (boost) 18,7A (24,3A boost)	—	31A 29A 29A 28A	6 6 6 6	40A	40.5 x 34 x 24 / 15.8	15,5 kg	
CA 150	230V, 50/60 Hz	12/24V	500W	8A	10A (boost)	—	18A	2	25A	32.8 x 25.5 x 14.6 / 6.5	6 kg	
CA 360	230V, 50/60 Hz	12/24V	920W	7A	15A (boost1) 25A (boost2)	—	37A	3	50A	43 x 30 x 23 / 14	14 kg	
WATTMATIC 100	230V, 50 Hz	6/12V	170W	3A	5A	—	11.4A	2	10A	26.9 x 24.3 x 12.8 / 3.7	3.8 kg	
WATTMATIC 140	230V, 50 Hz	6/12V	230W	5A	9A (boost)	—	16.5A	2	15A	33.9 x 22.2 x 13.4 / 4.8	4.8 kg	
WATTMATIC 170	230V, 50 Hz	6/12V	280W	6.5A	10A (boost)	—	18.8A	2	20A	33.9 x 22.2 x 13.6 / 5	5 kg	

RECOMMENDATION	6V												12V												24V												30V												36V												48V												60V											
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah						
CT 160													12 V : 25 > 160 Ah - 24 V : 15 > 90 Ah																																																																							
CT 210													12 V : 35 > 210 Ah - 24 V : 20 > 100 Ah																																																																							
MULTICHARGE CT 48													+48 V												12, 24, 36 V : 90 > 450 Ah - 48 V : 70 > 360 Ah																																																											
CA 150													35 > 150 Ah																																																																							
CA 360													40 > 350 Ah																																																																							
WATTMATIC 100	15 > 100 Ah																																																																																			
WATTMATIC 140	20 > 150 Ah																																																																																			
WATTMATIC 170	25 > 180 Ah																																																																																			



39

CT / CA / WATTMATIC

CHARGERS



BATIUM



SELF START MEMORY



BATTERY VOLTAGE DETECTION



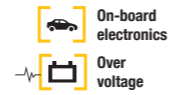
ALL BATTERIES



Microprocessor Control



FULL PROTECTION



YouTube

PLAYLIST BATIUM

CHARGERS

AUTOMATIC, SMART & FAST



BATIUM 7.12

7 A GO > 2 V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² 40 A

024496

024557



BATIUM 15.12

15 A GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY

1.5 m - 2.5 mm² 40 A

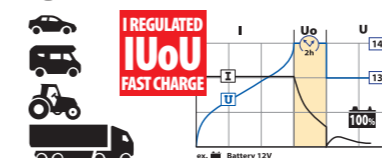
024519

024632

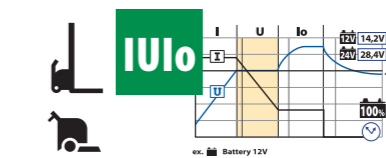


6/12V IUoU

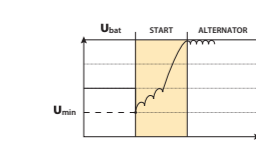
I REGULATED FAST CHARGE



TRACTION BATTERIES CHARGE



TEST



BATIUM 25.24 X

25 A GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY

2 m - 6 mm² 60 A

024830

6/12/24V



IUoU

Specific charge Traction batteries



Fuse x10

15A BATIUM 7/12 & 7/24 054493

30A BATIUM 15/12 & 15/24 054523

RECOMMENDATION



	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
BATIUM 7/12	•	•														
BATIUM 7/24			•													
BATIUM 15/12																
BATIUM 15/24																
BATIUM 25/24 X																



BATIUM 7.24

7 A GO > 2 V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² 40 A

024502

024625



BATIUM 15.24

15 A GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY

1.5 m - 2.5 mm² 40 A

024526

024588



6/12/24V IUoU

MADE IN FRANCE	50/60 Hz	Power	CHARGE								Fuse	L x W x H cm / kg	Weight	SOS RECOVERY
			Reg	RMS / Efficace	Average / Moyen (EN 60335)				boost					
					Reg 1	Reg 2	Reg 3							
BATIUM 7.12	230V	105W	6/12V	2	11A	3A	—	—	7A	15A	13.5 x 36 x 21 / 4.6	4.6 kg	—	
BATIUM 15.12	230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	36.2 x 21.2 x 14 / 5.7	5.6 kg	•	
BATIUM 7.24	230V	210W	6/12/24V	2	11A	3A	—	—	7A	15A	34.8 x 21 x 14.1 / 5.4	5.4 kg	—	
BATIUM 15.24	230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	36.2 x 21 x 14.3 / 7.1	7.1 kg	•	
BATIUM 25.24X	230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	42 x 28 x 24.5 / 13.5	13.4 kg	•	





CHARGERS & STARTERS

12 - 24 V

TRADITIONAL

START	44
NEOSTART	45

AUTOMATIC

STARTIUM	46
----------	----

BATTERY SUPPORT UNIT

DIAGSTARTIUM	47
STARTFLASH	48

CHARGERS & STARTERS AUTOMATIC W2

SSM SELF START MEMORY



12 V

STARTUP 80

17 A

SSM

024922
025127



CHARGERS & STARTERS TRADITIONAL W

SSM SELF START MEMORY



12 V

12/24 V

START 200

18 A

SSM

1.5 m - 6 mm² → 60 A
025530



START 300

23 A

SSM

2 m - 10 mm² → 220 A
025547



NEOSTART 320

9 / 40 A

SSM

2 m - 10 mm² → 220 A
025301



12/24 V

NEOSTART 420

40 A

SSM

1.8 m - 10 mm² → 500 A
025295
025479



NEOSTART 620

60 A

SSM

1.8 m - 16 mm² → 500 A
025288
025486



Model	Input	Output	CHARGE						START				Fuse	LxWxH cm / kg	LxWxH cm / kg		
			CHARGE kW	START kW	Reg	RMS / Efficace	Average / Moyen (EN 60335)	Boost	Automatic	Manual	min	max				1V/C	0V/C
START UP 80	230V	13 A	12V	0,35	1	2	13,5-25 A	9 A	17 A	-	-	40	170 Ah	50 A	80 A	17 x 11,5 x 31 / 4	19 x 12 x 32 / 4,2
START 200	230V	13 A	12V	0,39	1,4	3	15-25 A	11 A	18 A	-	-	53	240 Ah	80 A	120 A	35 x 24 x 15 / 7,6	37 x 27 x 18 / 8
START 300	230V	13 A	12V	0,8	3,6	3	13-36 A	10 A	23 A	-	-	42	300 Ah	100 A	165 A	36 x 27 x 20 / 12,4	40 x 35 x 23,5 / 13,7
		13 A	24V	1,2	3,6			8 A	17 A								
NEOSTART 320	230V	13 A	12/24V	0,8	6,5	3	40 A	10 A	40 A	-	-	20	700 Ah	160 A	270 A	41 x 30 x 21 / 13	41 x 35 x 24 / 14,7
NEOSTART 420	230V	16 A	12/24V	1,7	9	3	70 A	20 A	40 A	-	-	20	1000 Ah	250 A	420 A	48 x 30 x 23 / 18	52 x 34 x 31 / 21
NEOSTART 620	230V	16 A	12/24V	2	10	3	90 A	30 A	60 A	-	-	20	1350 Ah	330 A	620 A	31,5 x 23 x 44,5 / 23,7	21 x 33,5 x 26,5 / 24

Model	RECOMMENDATION				Capacity (Ah)																
	6V	12V	24V	6V	5	10	15	20	40	80	90	110	120	180	240	300	+ Ah				
START UP 80	•									35 > 50 Ah											
START 200		•								35 > 40 Ah	40 > 80 Ah										
START 300			•							35 > 50 Ah	50 > 100 Ah										
NEOSTART 320												35 > 60 Ah	60 > 120 Ah								
NEOSTART 420													35 > 80 Ah	80 > 160 Ah							
NEOSTART 620														45 > 100 Ah	100 > 200 Ah						

CHARGERS & STARTERS
AUTOMATIC



3 in 1

- AUTOMATIC CHARGE**
= BATTUM
- AUTOMATIC START**
- TEST ALTERNATOR**

TIMER

UNIVERSAL MODE **AUTO SELECTION**

SULFATED BATTERIES

START STOP **ALL BATTERIES**

GO >1V

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks



CHARGERS & STARTERS
AUTOMATIC & BSU

BATTERY SUPPORT UNIT

BSU Battery Support Unit

POWER SUPPLY
DIAG+ 60A
Voltage adjustable 12 V • 15 V

BATTERY EXPERT



NEW DESIGN
06 / 2024



NEW DESIGN
02 / 2024



NEW DESIGN
02 / 2024



NEW DESIGN
02 / 2024

NATO OTAN Compatibility p.61



12V

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm² > 600 A

026513



12/24V

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm² > 600 A

026520

STARTIUM 330E

25 A

1,9 m - 10 mm² > 500 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm² > 600 A

026483

025578

STARTIUM 680E

45 A

2,2 m - 25 mm² > 600 A

026490

025585

STARTIUM 980E

50 A

2,5 m - 35 mm² > 600 A

026506



Disconnectable

MADE IN FRANCE	I ₁	CHARGE	START		BSU	FUSE	LxWxH cm / kg	LxWxH cm / kg	CCA I (EN) START					
			1V/C	0V/C						AUTO START	BOOST			
STARTIUM 330E	230V	16 A, 0,8, 6,5	12V: 20 > 370 Ah 24V: 20 > 300 Ah	40 A, 25 A	4	—	•	12V: 165 A, 270 A 24V: 130 A, 210 A	—	100 A	26 x 26 x 47 / 15.5	28 x 28 x 47 / 16	500 A	
STARTIUM 480E	230V	16 A, 1,7, 9	12V: 20 > 600 Ah 24V: 20 > 450 Ah	65 A, 30 A	4	40 A	•	12V: 280 A, 390 A 24V: 210 A, 290 A	—	200 A	34 x 30 x 64 / 20.5	64 x 37 x 31 / 29	750 A	
STARTIUM 680E	230V	16 A, 2, 10	12V: 20 > 750 Ah 24V: 20 > 525 Ah	75 A, 30 A	4	45 A	•	12V: 380 A, 550 A 24V: 270 A, 380 A	—	200 A	34 x 30 x 64 / 25.5	65 x 37 x 31 / 31	900 A	
STARTIUM 980E	230V	16 A, 2, 12	12V: 20 > 900 Ah 24V: 20 > 525 Ah	80 A, 40 A	4	50 A	•	12V: 500 A, 720 A 24V: 400 A, 560 A	—	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A	
DIAG STARTIUM 60-12	230V	16 A, 2, 10	12V: 20 > 900 Ah	95 A, 60 A	4	—	•	12V: 310 A, 440 A	•	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A	
DIAG STARTIUM 60-24	230V	16 A, 2, 10	6V: 20 > 900 Ah	65 A, 40 A	4	—	•	12V: 300 A, 430 A	•	•	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A
			12V: 20 > 900 Ah	95 A, 60 A				24V: 280 A, 410 A						
			24V: 20 > 525 Ah	65 A, 40 A										

Fuse x2	100 A		200 A		250 A											
	Startium 330E	054394	Startium 480E, 680E, Diag. 60-12, 60-24	054547	Startium 980E	055568										
RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
	STARTIUM 330E	•	•						40 • 80 Ah			80 • 120 Ah				
STARTIUM 480E	•	•										40 • 120 Ah		120 • 160 Ah		
STARTIUM 680E	•	•											50 • 180 Ah		180 • 200 Ah	
STARTIUM 980E	•	•												50 • 240 Ah		
DIAG STARTIUM 60-12	•	•											50 • 180 Ah		180 • 200 Ah	
DIAG STARTIUM 60-24	•	•											50 • 180 Ah		180 • 200 Ah	



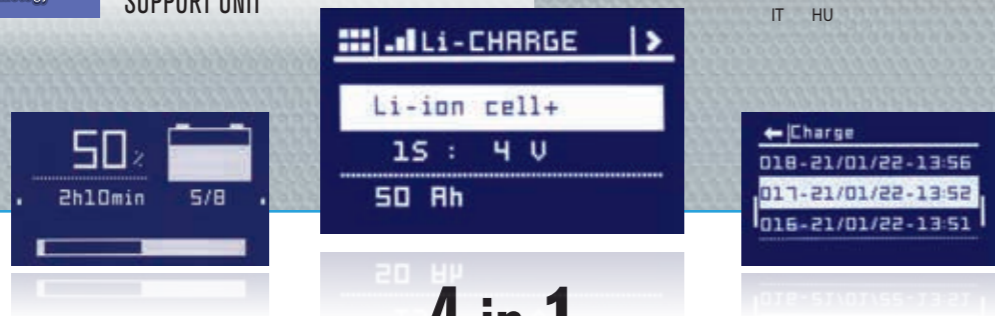
CHARGERS & STARTERS AUTOMATIC & BSU

CNT Connected Technology **BATTERY SUPPORT UNIT**

SPECIAL PROJECTS
Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



4 in 1

AUTOMATIC CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

BSU

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AUTOMATIC STARTER

✓ START

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks

UNIVERSAL MODE **AUTO SELECTION**

SULFATED BATTERIES

START STOP **ALL BATTERIES**

GO >1V

PFC POWER FACTOR CORRECTION

185 V ← 265 V

1 **WORLD PREMIERE**



6/12/16/24V

STARTFLASH 120.24 CNT

2 > 300 A

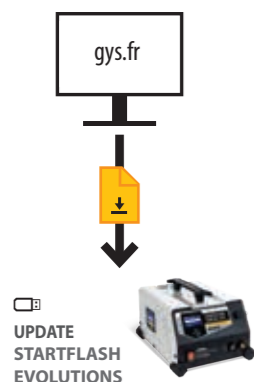
5 m - 35 mm² > 700 A
073616

OPTION

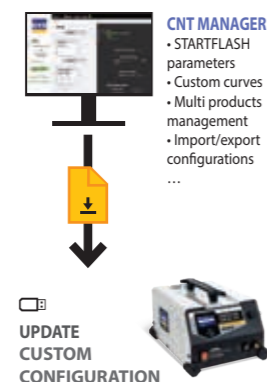


CNT Connected Technology

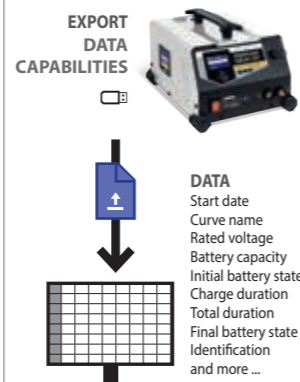
SOFTWARE UPDATE



CUSTOMIZATION



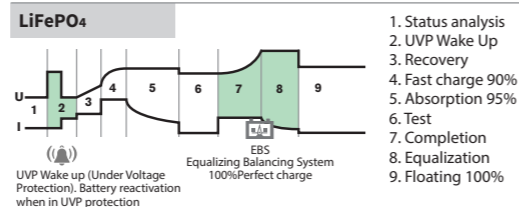
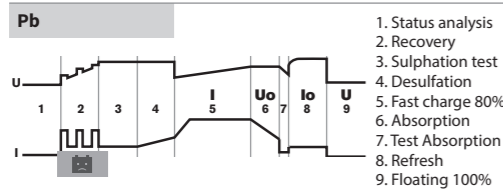
TRACEABILITY



Connected Modules & Technology
p.30



SMART 9 STEP



STARTER RECOMMENDATION

6V 12V 24V

STARTFLASH 120 • • • **10 > 180 Ah** **180 > 250 Ah**

Precharge

MADE IN FRANCE	50/60 Hz	CHARGE	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
				I max	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265V	6/12/24V	3500W	2V	110V : 100 A	75 A	55 A	•	6/12/24V	150 A	150 A	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V : 120 A	110 A	90 A		6V :	300 A	300 A			
									12V :	300 A	300 A			
								24V :	200 A	300 A				



BOOSTERS

6 - 12 - 24 V

Pb inside

GYSPACK	52
STARTPACK	56
ENERGYSTATION	59

LITHIUM inside

NOMAD POWER	62
-------------	----

SUPER CAPACITOR inside

STARTRONIC	64
GYSCAP	65



GYSPACK

BOOSTERS

Pb/LEAD  INSIDE

 POWER SUPPLY
12V DC

 COMPRESSOR



Air Kit
included
4bars



12V = 6 C*

24V = 12 C*
6 C* + 6 C*

*C = cells, cellules

HERITAGE
6/12V

gys

53

GYSPACK

BOOSTERS • Pb INSIDE



12V 18Ah  INSIDE
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK 400 
1 250 A 480 A
1V/C

0.6 m - 16 mm² → 300 A
025455
025516




GYSPACK AIR 
1 250 A 480 A
1V/C

1.1 m - 25 mm² → 500 A
026322



12V 22Ah  INSIDE
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK 600 
1 750 A 550 A
1V/C

0.6 m - 16 mm² → 300 A
027336
027497



GYSPACK PRO 
1 750 A 600 A
1V/C

1.1 m - 25 mm² → 500 A
026155
025523



6/12V 20Ah + 20Ah  INSIDE
HOBBIES OCCASIONAL  PRO INTENSIVE 

GYSPACK HERITAGE 6/12 
6V 3 200 A 400 A
12V 1 600 A 450 A
1V/C

1.8 m - 25 mm² → 600 A
025844



INCLUDED GYSPACK 400 / AIR / 600 / PRO

INCLUDED GYSPACK Heritage

OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202



CHARGER
Power in 110-240 V / out 12V
50/60 Hz
054677
054660



WU

FV FLEXIBLE VOLTAGE
85V 265V

CHARGER
Power in 110-240 V / out 12V
50/60 Hz
054684
054691



IUOU FAST CHARGE

FV FLEXIBLE VOLTAGE
85V 265V



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

	Inside	START	1V/C	Cranking CC	Peak Battery	ON/OFF	Fuse	Power Supply	EXTERNAL Charge 230V	TEST OK	LxWxH cm / kg	LxWxH cm / kg
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	12V DC/0,5A	12V DC/1,2A	•	26 x 13 x 29,5 / 6,4	28,5 x 16 x 34 / 7,2
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	4 bars	12V DC/0,5A	12V DC/1,2A	•	33 x 17 x 37 / 8,5	38,5 x 22 x 44 / 9,4
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	12V DC	12V DC/1,2A	•	25,5 x 14 x 29,5 / 7,5	29,5 x 16 x 35,5 / 8,2
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	—	12V DC	12V DC/1,2A	•	35 x 14 x 37 / 9	39 x 17 x 45 / 9,5
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V 12V	400 A 450 A	800 A 850 A	3200 A 1600 A	•	1 x 300 A	12V DC	12V DC/2A	•	36 x 11 x 45 / 13	39 x 22 x 51 / 14

RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK AUTO / 400	•															
GYSPACK AIR	•															
GYSPACK 600	•															
GYSPACK PRO	•															
GYSPACK HERITAGE	•	•														

BOOSTERS

Pb/LEAD



12 V **28 Ah** INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

1 900 A **640 A**
1V/C

1.3 m - 25 mm² → 600 A

027862
UK: 027879

INCLUDED GYSPACK 660

CHARGER
Power in 100-240 V/out 12 V
50/60 Hz
027992
UK: 025929

REGULATED IVOU FAST CHARGE

FV FLEXIBLE VOLTAGE
85 V ← 265 V

12 V **28 Ah** SPIRAL INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

2 500 A **750 A**
1V/C

1.3 m - 25 mm² → 600 A

026179
UK: 026353

INCLUDED GYSPACK 750

CHARGER
Power in 110-240 V/out 12 V
50/60 Hz
054684
UK: 054691

REGULATED IVOU FAST CHARGE

FV FLEXIBLE VOLTAGE
85 V ← 265 V



12 V **28 Ah** SPIRAL INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

2 500 A **700 A**
1V/C

1.8 m - 25 mm² → 600 A

068759
UK: 072107

INCLUDED GYSPACK PRO 800

CHARGER
Power in 110-240 V/out 12 V
50/60 Hz
054684
UK: 054691

REGULATED IVOU FAST CHARGE

FV FLEXIBLE VOLTAGE
85 V ← 265 V



12 V **16 Ah** INSIDE

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

1 800 A **640 A**
1V/C

1.4 m - 25 mm² → 600 A

027077
UK: 027947

INCLUDED GYSPACK PRO 700

CHARGER
Power in 110-240 V/out 12 V
50/60 Hz
054684
UK: 054691

REGULATED IVOU FAST CHARGE

FV FLEXIBLE VOLTAGE
85 V ← 265 V

INTEGRATED CHARGER
7 STEP

After each use
Après chaque utilisation
Nach jeder Anwendung

OFF

DESIGN GYS FRANCE

MADE IN	Model	START				CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	LxWxH cm	LxWxH cm / kg
		1V/C	Cranking CC	Peak Battery	ON/OFF			Battery	Memory						
GYS CHINA	GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	110-240 V	12V/2 A DC	•	•	↻ 12V DC	—	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
	GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	110-240 V	12V/2 A DC	•	•	↻ 12V DC	—	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
	GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	110-240 V	12V/2 A DC	•	•	↻ 12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4
MADE IN FRANCE	GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	220-240 V	—	•	•	↻ 12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12
	GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	220-240 V	—	•	•	↻ 12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

RECOMMENDATION

Model	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK 660	•	•	•							•						
GYSPACK 750	•	•	•											•		
GYSPACK PRO 800	•	•	•												•	
GYSPACK PRO 700	•	•	•													•
GYSPACK PRO 900	•	•	•													•



STARTPACK

BOOSTERS

Pb/LEAD INSIDE



POWER SUPPLY 12V DC



12/24 V

22 Ah + 22 Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK TRUCK

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C



1.8 m - 25 mm² 600 A 025448 026339

STARTPACK TRUCK MOBILE

12V	3 200 A	750 A 1V/C
24V	1 600 A	650 A 1V/C

1.8 m - 25 mm² 600 A 026025 028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



After each use / Après chaque utilisation / Nach jeder Anwendung

CHARGER

Power in 110-240 V/out 12 V 50/60 Hz 054684 054691



OPTION

MEMORY AUTO SAVE CABLE OBD 1,5 m 054202



Fuse 7,5 A

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			TEST	OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		LxWxH cm	LxWxH cm / kg
		1V/C	Cranking CC	Peak Battery						ON/OFF	Memory	Fuse	Fuse		
STARTPACK TRUCK / TRUCK MOBILE	2x 22 Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2 A DC	•	•	12V DC	—	37 x 20 x 46	39 x 22 x 50 / 18
		24V	650 A	1300 A	1600 A							12V DC	—		
STARTPACK 12.24 CI	2x 16 Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	—	26 x 20 x 48	34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A							—	—		
STARTPACK PRO 12.24 CI	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	—	14 x 35 x 56	63 x 39 x 30 / 34
		24V	1200 A	2250 A	3100 A							—	—		



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STARTPACK

BOOSTERS • Pb/LEAD INSIDE



New handle design

EnerSys TPPL TECHNOLOGY Thin Plate Pure Lead PREMIUM QUALITY BATTERIES



12/24 V

16 Ah + 16 Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK 12.24 CI

12V	3600 A	900 A 1V/C	24V	1 800 A	700 A 1V/C
-----	--------	------------	-----	---------	------------

1.8 m - 35 mm² 600 A 024991 068155

12/24 V

30 Ah + 30 Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK PRO 12.24 CI

12V	6200 A	1300 A 1V/C	24V	3100 A	1200 A 1V/C
-----	--------	-------------	-----	--------	-------------

2 m - 50 mm² 600 A 028920 068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2 200 A 054547 300 A 054561



INTEGRATED CHARGER

7 STEP



Après chaque utilisation / After each use / Nach jeder Anwendung

RECOMMENDATION	6V														12V														24V													
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah			
STARTPACK TRUCK	•														•														•													
STARTPACK TRUCK MOBILE	•														•														•													
STARTPACK 12.24 CI	•														•														•													
STARTPACK PRO 12.24 CI	•														•														•													



STARTPACK

BOOSTERS

Pb/LEAD INSIDE



YouTube

PLAYLIST STARTPACK



SMART STARTER MANAGEMENT SYSTEM

FULL PROTECTION

On-board electronics
Over voltage

Reverse polarity
No sparks

AUTO DETECT
Battery voltage detection

Microprocessor Control

TIMER Adjustable

EXIDE TECHNOLOGIES

HIGH QUALITY BATTERIES



INCLUDED

GYSFLASH XL 6.12

1.9 m



1.9 m

7 STEP

6 A - Advanced technology
8 step smart charge

12/24 V

50 Ah SPIRAL

50 Ah SPIRAL

INSIDE

HOBBIES OCCASIONAL PRO +++ INTENSIVE

STARTPACK PRO 12.24 XL

12V 8 500 A 1600 A 1V/C 24V 4 250 A 1400 A 1V/C

2 m - 70 mm² 1000 A 026711

OPTION

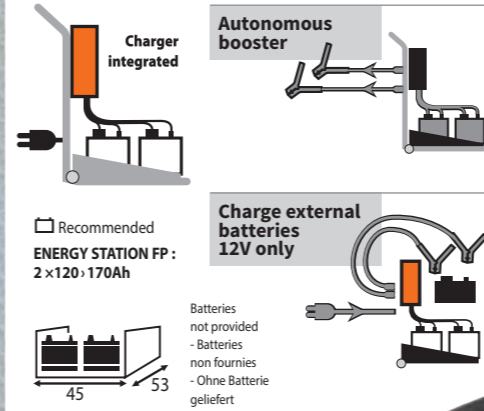


STANDARD CABLES
1000 A - 70 mm² - 4 m
026827

NATO CABLES
3 m - 50 mm²
072589

NATO ID / NCAGE :
F8154 CG730

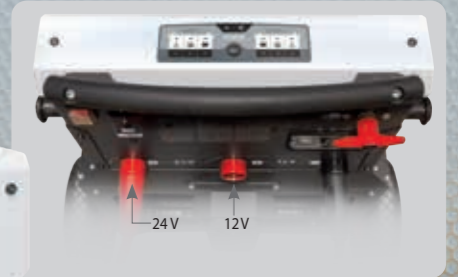
ENERGY STATION



Recommended ENERGY STATION FP : 2 x 120 x 170 Ah



Batteries not provided
- Batteries non fournies
- Ohne Batterie geliefert



FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks
- Reverse polarity

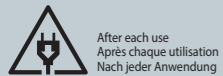


12/24 V

HOBBIES OCCASIONAL PRO INTENSIVE +++

ENERGY STATION FP 069589

INTEGRATED CHARGER 6 STEP



After each use
Après chaque utilisation
Nach jeder Anwendung

Model	Inside	START			CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg
		1V/C	Cranking CC	Peak Battery	min	max		ON/OFF	Fuse			
STARTPACK PRO 12.24 XL	2x 50 Ah	12V 1 600 A 24V 1 400 A	3 000 A 2 600 A	8 500 A 4 250 A	-	-	6 A outside	automatic	300 A	2 m ø 70 mm²	106 x 32 x 35	112 x 35 x 43 / 68
ENERGY STATION FP		according to battery / selon batteries / je nach Batterie (Pb only)			12/24 V	100 > 375 Ah (x2)	30 A inside	manual	300 A	2,5 m ø 50 mm²	70 x 65 x 91	80 x 53 x 28 / 29

RECOMMENDATION

Model	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	-	-													



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STARTPACK / ENERGYSTATION

BOOSTERS • Pb/LEAD INSIDE

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		12 V									12-24 V				ENERGY STATION FP	
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
		6 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
START	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
	CC	450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	PEAK	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
		850 (12 V)										1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
		3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
	1600 (12 V)										1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)		
2x 20 Ah		18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2 x 22 Ah	2 x 16 Ah <i>EnerSys</i>	2 x 30 Ah <i>EnerSys</i>	2 x 50 Ah <i>EXIDE TECHNOLOGIES</i>		
SPIRAL TECHNOLOGY																
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
TEST/OK		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2 A		outside	outside	outside	outside	outside	inside	outside	outside	inside	outside	inside	inside	outside	inside	inside
IUoU		WU	WU	WU	WU	IUoU	7 step	IUoU	IUoU	7 step	IUoU	7 step	7 step	7 step	7 step	6 step
12 V DC		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
SIZE		1,8 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	1,3 m ø25 mm ²	1,4 m ø25 mm ²	1,3 m ø25 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	1,8 m ø35 mm ²	2 m ø50 mm ²	2 m ø70 mm ²	2,5 m ø50 mm ²	
WEIGHT		37x20x46	26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	31x19x35	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x65x91
WEIGHT		18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +

★ **MINI PRO**

★★ **PRO**

★★★★ **UNIVERSAL PRO**

ATTENTION HORS UTILISATION
Laisser le chargeur branché en permanence.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargador conectado permanentemente.

OPGELET BUITEN GEBRUIK
Laat de lader onafgebroken aangesloten.

OFF
After each use
Après chaque utilisation
Nach jeder Anwendung

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.



NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products - Kompatible Produkte



	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV 107.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm ² 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm ² 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm ² 056626	—	—	—	—	—	—	—
Anderson/NATO 3.5 m - 50 mm ² 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm ² 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm ² 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm ² 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



BATTERIES DE TRACTION : PRODUITS COMPATIBLES

Compatible Products - Kompatible Produkte

BATIUM 25/24 X **GYSFLASH 30.24, 50.24 & 101.24** **GYSFLASH 103.24 & 53.48**

Pb 9 STEP

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Brewing
- Floating 100%

LiFePO₄ 9 STEP

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Ionic mixing
- Floating 100%

	TYPE	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT	
24 V	BATIUM 25.24 X	liquid	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 30.24 HF	liquid	—	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
	GYSFLASH 50.24 HF	liquid	—	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
	GYSFLASH 51.12	liquid	130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYSFLASH 101.24	liquid	390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
	GYSFLASH 103.24	gel	—	—	—	400 Ah	450 Ah	500 Ah	560 Ah	610 Ah	670 Ah	720 Ah
36 / 48 V	GYSFLASH 25.48	liquid	130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYSFLASH 51.48	liquid	260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	690 Ah	790 Ah	50 A
	GYSFLASH 53.48	gel	—	—	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah

100 A		Cables Anderson 175A/Texas 5 m - 25 mm ² 025721
100 A		Cables REMA 160A/Texas 5 m - 25 mm ² 025714
15 A		Cables REMA 160A/Anderson 5 m - 16 mm ² 069091
50 A		Cables Anderson 175A/Anderson 5 m - 16 mm ² 069107

NATO COMPATIBILITY



BOOSTERS LITHIUM INSIDE

SPECIAL HOBBY • Non professional use •
Utilisation non professionnelle • Nicht für gewerblichen
Gebrauch.



4700 Pa

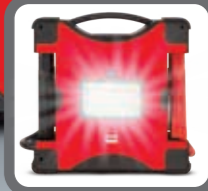


- ▶ START ENGINE
- + POWER BANK
- + LIGHT

PRO XL
★★★★

PRO
★★★

PRO
★★★



12V

12V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm² → AWG10
028937



NOMAD POWER 300

350 A

0,28 m - 5,2 mm² → AWG10
025875



NOMAD POWER 500

550 A

0,4 m - 8,3 mm² → AWG8
027145
☒: 069633



ACCESSORIES
included for NOMAD POWER 500



ACCESSORIES
included for NOMAD POWER VAC 350

SMART CABLE
MULTI SECURITIES



ACCESSORIES
included for NOMAD POWER 300



NOMAD POWER 400

500 A

0,28 m - 5,2 mm² → AWG10
025882



ACCESSORIES
included for NOMAD POWER 400



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm² → AWG8
027510
☒: 028838



ACCESSORIES
included for NOMAD POWER PRO 700



SMART CABLE
MULTI SECURITIES

12 / 24 V

NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm² → AWG6
027527
☒: 028845



ACCESSORIES
included for NOMAD POWER 500



24 V

NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm² → AWG4
025905



ACCESSORIES
included for

NOMAD POWER PRO 12 XL
NOMAD POWER PRO 24 XL



Max capability (minimum charge needed)

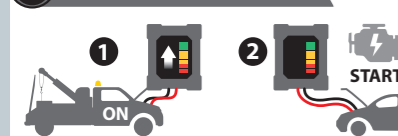
	LITHIUM		I			J (3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK				cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC								Peak Battery	PHONE	TABLET	SMARTPHONE		
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12V	5V-2A	•	5V/2 A	5V/2 A (Type C)	5V/2 A	•	2	—	27.2 × 0.65	0.48
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12V	12V 5V-2A	•	5V/2 A 9V/2 A	—	5V/1A - 5V/2.1 A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12V	—	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/2.4 A - 9V/2 A 12V/1.5 A - 15V/10 A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12V : 14000 J 24V : 35000 J	12V/24V	—	•	9 V/2 A 12 V/1.5 A	5V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/10 A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Generator	Boat	Trailer	Truck	Bus	Truck
NP VAC 350	5 × 70 Ah												
NP 300	5 × 70 Ah												
NP 400	5 × 90 Ah												
NP 500	5 × 120 Ah												
NP 700	5 × 140 Ah												
NP PRO TRUCK	5 × 140 Ah												
NP PRO 12XL	5 × 180 Ah												
NP PRO 24XL	> 240 Ah												

BOOSTERS SUPER CAPACITOR

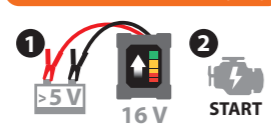
BATTERYLESS - SANS BATTERIE
- OHNE BATTERIE

EASY TO USE



STARTRONIC 800 : 1 minute
STARTRONIC HYBRID 950 : 1 minute
STARTRONIC SUPERCAP 12 / 24 V : 3 minutes

DC/DC CONVERTER INSIDE (>5V)



800 : 4 minutes
HYBRID 950 : 4 minutes
SUPERCAP 12 / 24 V : 5 minutes



- Output USB
- Light

- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ FAST TO USE
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ RAPIDE D'UTILISATION
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ SCHNELL EINSETZBAR
- FULL PROTECTION
- 40/+65°C
- 1 MILLION CYCLES
- FAST CHARGE
- NO SULFATION DURING STORAGE
- UNLIMITED STARTS



EASY & CONVENIENT

3 charging modes

<p>1 INCLUDED</p> <p>CLAMPS on running vehicle for Fast charge</p>	<p>2 INCLUDED</p> <p>CIGARETTE LIGHTER for Easy charge</p>	<p>3 OPTION</p> <p>GYSFLASH 4.12 for mains charge</p>
<p>GYSCAP 680E : 1 minute GYSCAP 24V : 1 minute</p>	<p>GYSCAP 680E : 10 minutes GYSCAP 24V : 30 minutes</p>	<p>GYSCAP 680E : 1 heure (max) GYSCAP 24V : 1 heure (max)</p>



5x 800 F INSIDE 12V

STARTRONIC 800
800 A 12V GO > 5V
026735

5x 950 F + Lithium INSIDE 12V

STARTRONIC HYBRID 950
950 A 12V GO > 1V
026117

10x 900 F INSIDE 12V / 24V

STARTRONIC SUPERCAP 12 / 24V
1050 A 12V GO > 7V
880 A 24V GO > 7V
082816

5x 3000 F INSIDE 12V

GYSCAP 680E
1600 A 12V GO > 1V
026773

10x 3000 F INSIDE 24V

GYSCAP 24V
2500 A 24V GO > 2V
028944

INCLUDED STARTRONIC 800 & HYBRID 950
CIGARETTE LIGHTER for Easy charge
027404

INCLUDED STARTRONIC HYBRID 950 Lithium battery
027411

Model	I			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time				MICRO USB Type B	internal lithium battery	LIGHT	cm	kg	
	1V/C	START ICC	Peak			12V		12V / 10A		5V/2A	30 min	Light	cm						kg
	OFF	ON	OFF			ON	OFF	ON											
STARTRONIC 800	800 A	1400 A	-	12V	5 x 800 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	-	-	26,7 x 19,5 x 5	1,86			
STARTRONIC HYBRID 950	950 A	1660 A	-	12V	5 x 950 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	30 min	•	25 x 18,5 x 6	1,86			
STARTRONIC SUPERCAP 12/24V	1050 A	1800 A	-	12V	10 x 900 F	•	5 min	3 min	-	-	-	-	-	-	34 x 43 x 20	7			
	880 A	1500 A	-	24V			2 min	2 min	-	-	-	-	-	-	-	-	-		
GYSCAP 680E	1600 A	2700 A	9000 A	12V	5 x 3000 F	•	-	1 min	10 min	10 min	-	-	-	-	35 x 44 x 19	8,2			
GYSCAP 24V	2500 A	4500 A	10000 A	24V	10 x 3000 F	•	-	1 min	30 min	30 min	-	-	-	-	32 x 49 x 21,5	12			

Model	Recommendation	Vehicle Types	Capacity
STARTRONIC 800	5 < 90 Ah	[Icons: Motorcycle, Scooter, Car, Van, Truck]	5 < 90 Ah
STARTRONIC HYBRID 950	5 < 100 Ah	[Icons: Motorcycle, Scooter, Car, Van, Truck]	5 < 100 Ah
STARTRONIC SUPERCAP 12/24V	5 < 150 Ah	[Icons: Motorcycle, Scooter, Car, Van, Truck]	5 < 150 Ah
GYSCAP 680 E	5 < 150 Ah	[Icons: Motorcycle, Scooter, Car, Van, Truck]	5 < 150 Ah
GYSCAP 24V	225 Ah	[Icons: Motorcycle, Scooter, Car, Van, Truck]	225 Ah



BATTERY TESTERS POWER INVERTER PORTABLE ENERGY

TRADITIONAL TESTERS	68
DIGITAL TESTERS	68
TESTERS & PRINTER	70

POWER INVERTER	72
PORTABLE ENERGY	74

TESTERS TRADITIONAL

TESTERS DIGITAL



TBP 100
6/12 V 20 > 100 Ah

055131



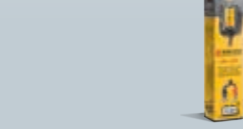
TBP 500
12 V 10 > 160 Ah

055148



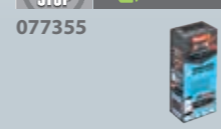
Wireless battery monitor
Indicateur de charge sans fil
12/24 V 7 > 240 Ah

024212



BTW 6V/12V
6/12 V 7 > 240 Ah

077355



BT 001
12 V 7 > 230 Ah

056640



NBT 100
12 V 20 > 150 Ah

024151



NBT 200
12 V 20 > 150 Ah

024168



DBT 300
12 V 4 > 150 Ah

024175



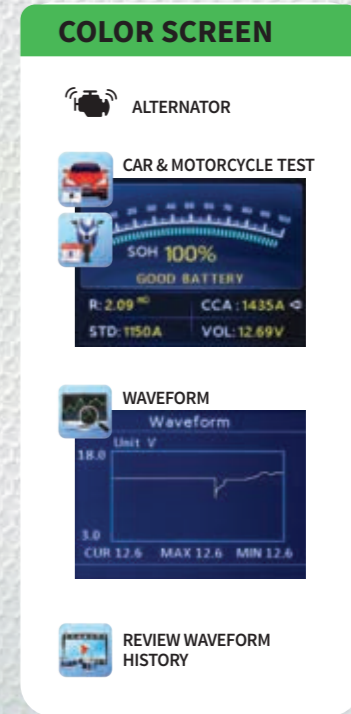
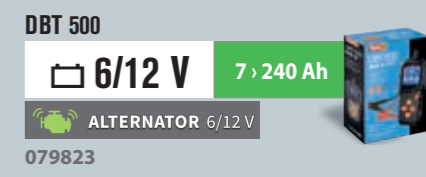
DBT 350
12 V 7 > 240 Ah

025868



DBT 500
6/12 V 7 > 240 Ah

079823



NEW



PLAYLIST
BATTERY
TESTERS

	BATTERY	TEST			PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg
		A	V	CHARGE & START SYSTEM VEHICLE							
TBP 100	6-12 V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	1.5	16x18x30 30.7x17.2x10.3 / 1.5
TBP 500	12 V	10 > 160 Ah	•	•	12V	—	15s	15 min	—	3.75	27x26x13 31x28.6x18.2 / 3.8
BTW 6V/12V	6-12 V	7 > 240 Ah	—	min 4,5V	12 V	—	1s	instant	•	0.11	11x3x2 7.5x4.5x16.4 / 0.16
BATTERY MONITOR	12-24 V	7 > 240 Ah	—	min 7V	—	—	1s	instant	•	0.1	6.5x5x1.5 5x6.5x31 / 0.12
BT 001	12 V	7 > 230 Ah	—	•	12 V	—	LED	1s	instant	—	0.29 3x12x1.5 24.2x11.8x2.4 / 0.29
NBT 100	12 V	20 > 150 Ah	•	min 7V	—	•	1s	instant	—	0.25	7x1.5x12 5x18x25.8 / 0.3
NBT 200	12 V	20 > 150 Ah	•	min 7V	12 V	—	•	1s	instant	—	0.25 7x1.5x12 5x18x25.8 / 0.3
DBT 300	12 V	4 > 150 Ah	•	min 4,5V	12 V	—	back-lit / rétro-éclairé	1s	instant	—	0.25 12x7.9x22.7 5x18x25.8 / 0.3
DBT 350	12 V	7 > 240 Ah	•	min 8V	12 V	—	back-lit / rétro-éclairé	1s	instant	•	0.8 9.6x3x13.8 6.5x10.5x21 / 0.35
DBT 500	6-12 V	7 > 240 Ah	•	min 5V	6 / 12 V	—	color screen 2.4"	1s	instant	•	0.3 8x2x14 —

Recommendation	TEST			LIQUID	START / STOP ENGINE	EFB	AGM VRLA/GEL	Truck	CURRENT CCA SAE
	Battery/Batteries/Ladegeräte	Alternator Circuit/Lichtmaschine/schaltkreis	Vehicle						
TBP 100	6V 12V	•	•	•	•	•	•	•	20 > 100 Ah
TBP 500	12V	•	•	•	•	•	•	•	10 > 160 Ah
BTW 6V/12V	6V 12V	•	•	•	•	•	•	•	7 > 240 Ah
BATTERY MONITOR	12V 24V	•	•	•	•	•	•	•	7 > 240 Ah
BT 001	12V	•	•	•	•	•	•	•	7 > 230 Ah
NBT 100	12V	•	•	•	•	•	•	•	20 > 150 Ah
NBT 200	12V	•	•	•	•	•	•	•	20 > 150 Ah
DBT 300	12V	•	•	•	•	•	•	•	4 > 150 Ah
DBT 350	12V	•	•	•	•	•	•	•	7 > 240 Ah
DBT 500	6V 12V	•	•	•	•	•	•	•	7 > 240 Ah

Languages - Sprachen

DBT 300	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	CN	JP	KR	IR
DBT 350	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DBT 500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PBT 550	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PBT 600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PBT 700	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BT 2010	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PBT 812	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PBT 824	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BTW 6V/12V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



PBT

TESTERS

TESTERS & PRINTER



x10 Languages Sprachen

x5 Languages Sprachen

x6 Languages Sprachen



x10 Languages Sprachen

NEW



x10 Languages Sprachen



COMPATIBILITY
USB Barcode scanner 1D/2D
for BT2010, PBT 812, PBT 824
027718

p.32

71

PBT

TESTERS & PRINTER

Approvals
Homologations
Zulassungen

0.65 m

1.2 m

1.8 m

1.8 m

PRINTER • 12 V

PRINTER • 6/12 V

PRINTER • 6/12/24 V (2x12)

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included)
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included)
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard
57 mm (W)
x1 (included)
056237

PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V

076686

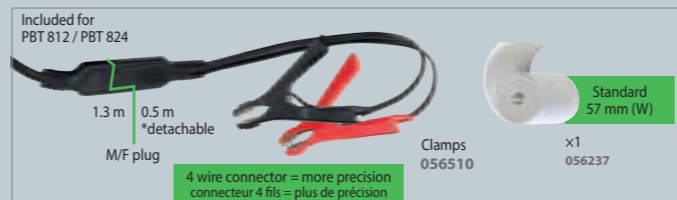


PBT 824

6/12/24(2x12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



Included for
PBT 812 / PBT 824

1.3 m
0.5 m
"detachable"
M/F plug

Clamps
056510

Standard
57 mm (W)
x1
056237

4 wire connector = more precision
connecteur 4 fils = plus de précision

Accessories	Quantity	Width	Length	Height	Compatibility
056220	x2	37 mm	7.5 m	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 m	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / BT 2010
056633	x2	57 mm	7.5 m	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 812 / PBT 824 / BT 2010 / SPM

MADE IN CHINA

Model	Voltage	Capacity	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	Weight	Dimensions	L x W x H cm / kg	
			A	V								
PBT 550	12V	30 > 220 Ah	min 6V	12V	•	back-lit/rétro-éclairé	1s	instant	•	0.55	55 x 25	29 x 23 x 9 / 0.9
PBT 600	12V	30 > 220 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	1.1	55 x 25	29 x 23 x 9.5 / 1.3
PBT 700	12V	7 > 240 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	0.7	23.5 x 10.2 x 6.8	40.5 x 28 x 9 / 1.9
PBT 812	6-12V	7 > 240 Ah	min 1.5V	12V	•	color TFT display 2.8"	1s	instant	•	0.7	28 x 14 x 7.5	—
PBT 824	6-12-24 (2x12)V	7 > 240 Ah	min 1.5V	12/24V	•	back-lit 4 colors / rétro-éclairé	1s	instant	•	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3

Model	Voltage	Capacity	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Car	Van	Bus	Tractor	CURRENT CCA SAE
			Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alternateur/Lichtmaschinenaltkreis											
PBT 550	12V	30 > 220 Ah	•	•	•	•	•	•	•	•	•	•	•	•	100 > 2000 A
PBT 600	12V	7 > 240 Ah	•	•	•	•	•	•	•	•	•	•	•	•	100 > 2000 A
PBT 700	12V	7 > 240 Ah	•	•	•	•	•	•	•	•	•	•	•	•	40 > 2000 A
PBT 812	6/12V	7 > 240 Ah	•	•	•	•	•	•	•	•	•	•	•	•	25 > 3000 A
PBT 824	6/12/24V (2x12)	7 > 240 Ah	•	•	•	•	•	•	•	•	•	•	•	•	40 > 2000 A



POWER INVERTER

12/24 V DC > 230 V AC



PSW REMOTE CONTROL

For 601W-12



6 m

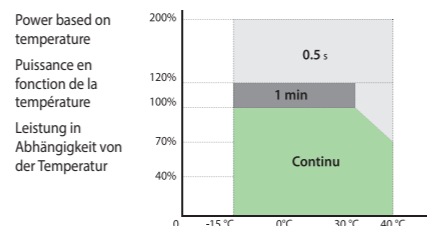
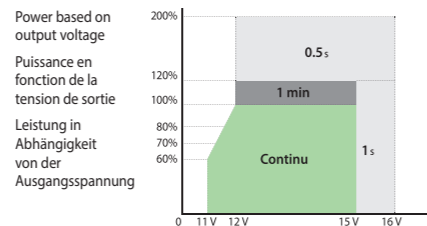
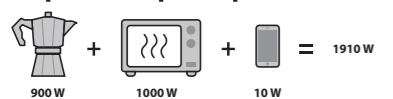
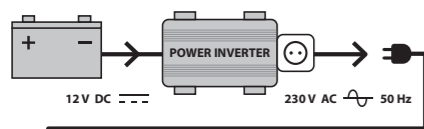
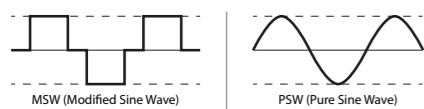
For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24



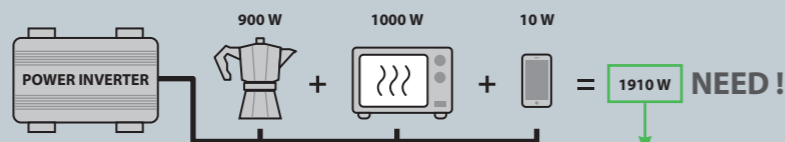
6 m

Input = 888 V
Output = 888 W

MSW / PSW TECHNOLOGY



- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER

CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
12 V							24 V

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
-COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Sèche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

* Usage duration (h) = $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	Wires	Universal	Remote	Weight	Height	Dimensions
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V - 2A	•	—	•	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V - 2A	•	•	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V - 2A	—	cables	•	•	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V - 2A	—	cables	•	•	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V - 2A	—	cables	•	•	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V - 2A	—	cables	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
MSW 82000	2000W	4000W	—	80%	24V	230V	5V - 2A	—	cables	•	•	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V - 2A	—	cables	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7

12 V CONVERGYS

CONVERGYS 150
027022
027039



CONVERGYS 300
027053
027046



12 V PSW

PSW 601W RC-12
067332
067349



PSW 1002W RC-12
067356
067363



PSW 1502W RC-12
067370
067387



PSW 2002W RC-12
067394
067400



24 V MSW

MSW 82000
027237
027244



24 V PSW

PSW 2002W RC-24
067417
067424



INCLUDED FOR ALL



PORTABLE ENERGY

12 V > 230 V

USING TIME	50 W	100 W	250 W	500 W	1000 W	2200 W
POWER PACK 520	8 h	4 h	1 h 40	50 min	—	—
POWER PACK 1300	20 h	10 h	4 h	2 h	1 h	—
POWER PACK 1500	22 h	11 h	4 h 30	2 h 15	1 h 05	30 min

FULL PROTECTION

Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection
Over-load protection,
Temperature protection

CHARGE

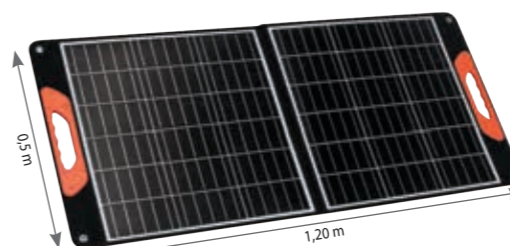
Solar panel

monocrystalline - ETFE quality
18V - 100 W max

OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max

compatible with
Power pack 520, 1300, 1500, Energys DC/DC

079410



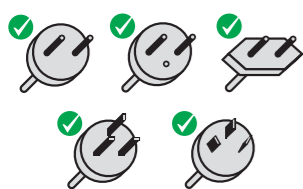
INCLUDED



4in1

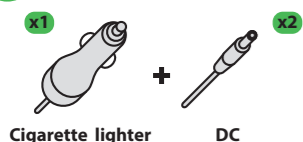
1 230 V - 50 Hz / 500 W

UNIVERSAL OUTPUT



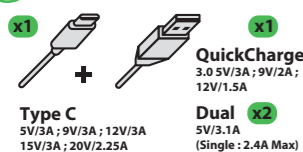
Type C / E / F / G / I

2 12 V / 12 A



Cigarette lighter DC

3 USB



Type C
5V/3A ; 9V/3A ; 12V/3A
15V/3A ; 20V/2.25A

QuickCharge
3.0 5V/3A ; 9V/2A ;
12V/1.5A

Dual x2
5V/3.1A
(Single : 2.4A Max)

4 LIGHT

3 MODES

- Light
- S.O.S
- Spot



MPPT integrated

Solar panel compatibility

POWER PACK 520

518 Wh

20 Ah

027961



POWER PACK 520 charging cables



MPPT integrated

Solar panel compatibility

5in1

POWER PACK 1300

1280 Wh

50 Ah

071988

POWER PACK 1500

1408 Wh

55 Ah

078697

ACCESSORIES included for
POWER PACK 1300 / POWER PACK 1500



1 230 V / 50 Hz



Type C / E / F (euro plug)

3 12 V / 10 A



Cigarette lighter DC

5 LIGHT



5 MODES

- Light
- (Low - Medium - High)
- S.O.S.
- Spot

2 USB



Type C
5V/3A ; 9V/3A ; 12V/3A
15V/3A ; 20V/2.25A

QuickCharge
3.0 5V/3A ; 9V/2A ;
12V/1.5A

Dual x3
5V/3.1A
(Single : 2.4A Max)

4 BOOSTER



12 V PETROL & DIESEL

	LITHIUM		I			POWER SUPPLY	LIGHT	kg	mm	L x W x H cm / kg						
	CAPACITY	FULL CHARGE	TYPE	Start	Peak											
POWER PACK 520	518 Wh	8 h - 10 h depending on the charging mode	LiPo	—	—	1000	Pure Sine Wave	500 W	12-30V 80W max	5 V/3 A ; 9 V/2 A ; 12 V/1.5 A 12 V/12 A ; 5 V/3.1 A 230 V/50 Hz/500 W (AC) x 2	•	3 + 1 (MICRO USB - Type C)	1 x LED	5.14	26.4 x 23.4 x 16.3	33.5 x 23 x 34.5 / 6.2
POWER PACK 1300	1280 Wh	7 h - 12 h depending on the charging mode	LFP	500 A	1000 A	2000	Pure Sine Wave	1000 W	12-30V 200W max	5 V - 9 V - 12 V - 16 V/3 A 20 V/3 A ; 20 V/5 A ; 12 V/10 A 230 V/50 Hz x 3	•	4 + 2 (MICRO USB - Type C)	1 x LED	17.5	36 x 27 x 28	45 x 39 x 39 / 20.6
POWER PACK 1500	1408 Wh	8 h - 12 h depending on the charging mode	LFP	500 A	1000 A	2000	Pure Sine Wave	2200 W	12-30V 200W max	5 V - 9 V - 12 V - 16 V/3 A 20 V/3 A ; 20 V/5 A ; 12 V/10 A 230 V/50 Hz x 3	•	4 + 2 (MICRO USB - Type C)	1 x LED	19.5	36 x 27 x 28	—

RECOMMENDATION	Game	Smartphone	MP3	Laptop	TV	Tablet	Camera	Drill	Saw	Hammer	Screwdriver	Wrench	Pliers	Scissors	Knife	Lighter	Car	Motorcycle	Boat
POWER PACK 520	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 1300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 1500	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



JUMPER CABLES EV CABLES ACCESSORIES

JUMPER CABLES	78
EV CHARGING	79
ACCESSORIES	80

JUMPER CABLES

320 A > 1000 A

056206						
564015						
056404						
056602						
056190						
056312						
056329						
056336						
027695						
056343						
056558						
056541						
056619						

BOOSTER CABLES - Câbles de démarrage - Starterkabel - Cables de arranque - Cavi di avviamento



TEST VOLT
LED

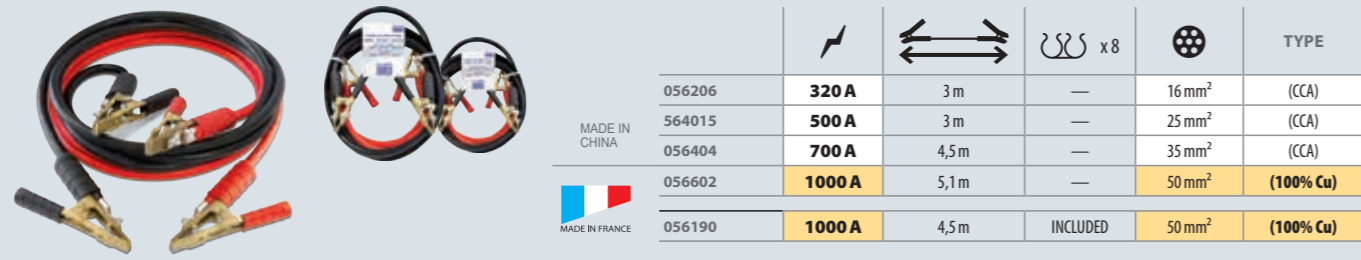
DIN 72553

	ESSENCE BENZINE PETROL	DIESEL	Length	Area	TYPE
027695	350 A	5,5l	31	3,5m	25 mm ² ≈ Ø Cu

TYPE	Ø	%I
CCA		
≈ Cu		
100% Cu		

PRO BRASS CLAMPS

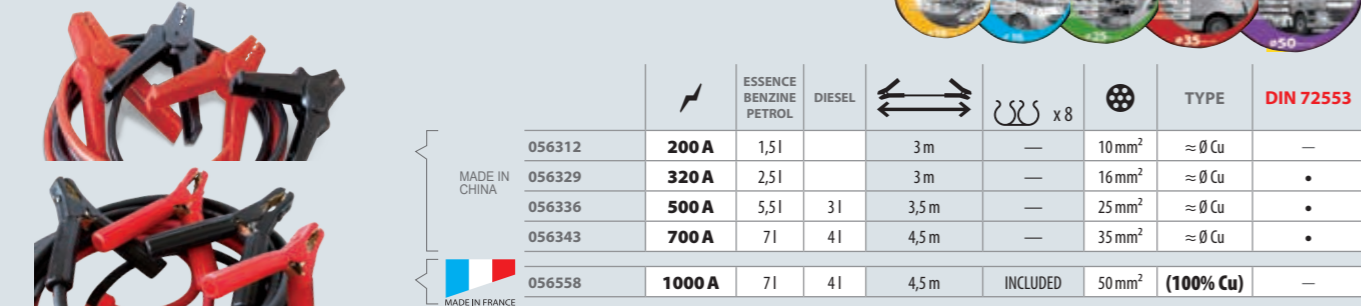
BRASS CLAMPS, NOT INSULATED - Pincas laiton, non isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati



	Length	Area	TYPE
056206	320 A	3 m	16 mm ² (CCA)
564015	500 A	3 m	25 mm ² (CCA)
056404	700 A	4,5 m	35 mm ² (CCA)
056602	1000 A	5,1 m	50 mm ² (100% Cu)
056190	1000 A	4,5 m	INCLUDED 50 mm ² (100% Cu)

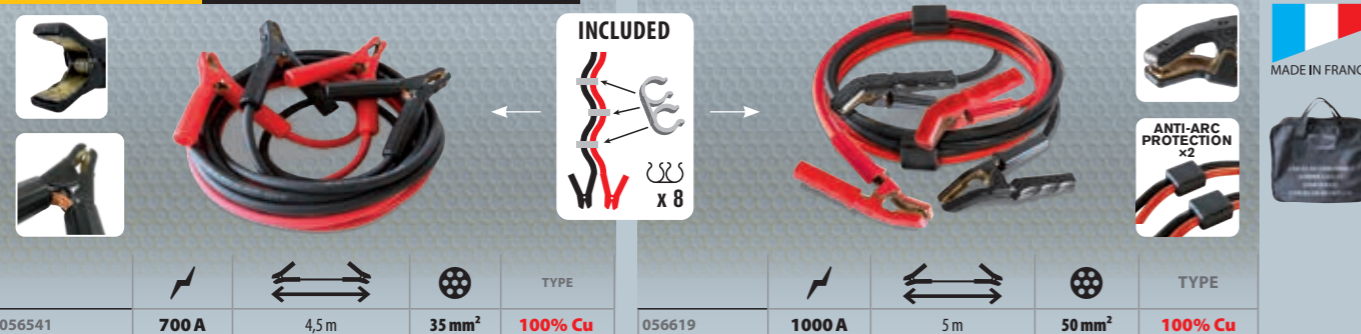
PRO INSULATED CLAMPS

INSULATED CLAMPS - Pincas isolées - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



	ESSENCE BENZINE PETROL	DIESEL	Length	Area	TYPE	DIN 72553
056312	200 A	1,5l	3 m	10 mm ²	≈ Ø Cu	—
056329	320 A	2,5l	3 m	16 mm ²	≈ Ø Cu	•
056336	500 A	5,5l	3,5 m	25 mm ²	≈ Ø Cu	•
056343	700 A	7l	4,5 m	35 mm ²	≈ Ø Cu	•
056558	1000 A	7l	4,5 m	INCLUDED 50 mm ²	(100% Cu)	—

SUPER PRO INSULATED CLAMPS



INCLUDED

ANTI-ARC PROTECTION x2

	Length	Area	TYPE
056541	700 A	4,5 m	35 mm ² 100% Cu
056619	1000 A	5 m	50 mm ² 100% Cu

EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge
• Carga de EV • Ricarica per veicoli elettrici

10 A > 32 A

Power	6 A	8 A	10 A	13 A	16 A	20 A	32 A
230V	1.4 kW	1.8 kW	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	4.1 kW	5.5 kW	6.9 kW	8.9 kW	11 kW	14 kW	22 kW

INCLUDED

	075320	080676
16 A / 1 ph	✓	—
13 A / 1 ph	—	✓
32 A / 3 ph	✓	✓
16 A / 1 ph	—	✓

+ more output options...

available on request



SUPER PRO SMART EV CHARGE

10 → 32A 1 ph / 3 ph

TIMER FUNCTION
Delay start 1h → 24h

075320
080676



EV CHARGING - PORTABLE

10/16 A 1 ph

028975



EV CHARGING - STANDARD CABLES

32 A 1 ph

079687



EV CHARGING - SPIRAL CABLE

32 A 1 ph

028982

32 A 3 ph

079694

	IP	U ₁	I ₁	P			Length	
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/ 16/20/32 A	1,4 → 22kW	•	—		Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	•	—		Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	—	•	5 m	Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	—	•		Type 2
	55	3 ph	32 A	22 kW	—	•		

OPTION

↓ 21 × 43 ×
57 cm

060432

IP67



ACCESSORIES

CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

Cable Size	Length	A (60%)		A (35%)	
		Part No.	Part No.	Part No.	Part No.
16 mm ²	100 m	046252	121	131	
	≠ x m	046207			
25 mm ²	5 m	045408			
	100 m	046603	165	185	
35 mm ²	100 m	046702			
	≠ x m	046405			
50 mm ²	100 m	046801	211	243	
	≠ x m	046757			
70 mm ²	100 m	046832	351	419	
	≠ x m	046832			
95 mm ²	100 m	046863	433	527	
	≠ x m	046863			

HIGH FLEXIBILITY ELECTRICAL CABLES

Cable Size	Length	A (60%)		A (35%)	
		Part No.	Part No.	Part No.	Part No.
10 mm ²	100 m	054882	88	92	
	20 m	056107			
16 mm ²	100 m	054905	120	130	
	20 m	056121			
25 mm ²	100 m	054929	164	184	
	20 m	056145			
35 mm ²	100 m	054943	210	240	
	20 m	054967			
50 mm ²	100 m	054967	273	320	
	50 m	056565	310	380	

CLAMPS - Pinces • Klemmen • Pinzas • Garras • Ακροδέκτες • Зажимы • 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	≠ 30 mm	≠ 25 mm	≠ 25 mm	≠ 38 mm	≠ 45 mm	≠ 40 mm	≠ 35 mm	≠ 28 mm	≠ 44 mm	≠ 55 mm	≠ 38 mm	≠ 38 mm
max	2.5 mm ²	10 mm ²	16 mm ²	16 mm ²	25 mm ²	35 mm ²	25 mm ²	25 mm ²	35 mm ²	70 mm ²	50 mm ²	95 mm ²

BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

	ø 10 mm / 35 mm ²	ø 13 mm / 50 mm ²	ø 16 mm / 70 mm ²
Part No.	054431	054432	054417
Part No.	054448	054439	054424
Part No.	054431	054332	054417
Part No.	054448	054349	054424
Part No.	054431	054332	054417
Part No.	054448	054349	054424

CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschoen

Size	Part No.	Quantity	Part No.
16 mm ²	M10	x10	038219
25 mm ²	M10	x10	038226
35 mm ²	M14	x10	038233
50 mm ²	M14	x10	038240
75 mm ²	M16	x10	038257
125 mm ²	M15	x5	038264
25 mm ²	M5	x100	047525
35 mm ²	M6	x100	047532
50 mm ²	M10	x100	047549
10 mm ²	M16	x100	047501
16 mm ²	M15	x100	047518
70 mm ²	M10	x100	047556
95 mm ²	M10	x50	047570

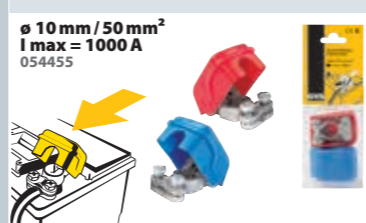
CLEANING BRUSH POLES / TERMINALES - Nettoyeur cosses / bornes



DINZE CONNECTORS - Connecteurs Texas - Stecker - Conectores - Schakelaars - Conectores

Part No.	I A max	mm ²	mm	mm	Compatibility	Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
CFM 70.21	400	50/70	21	13	CM 70.21	x1 047488
CM 25.14	200	10/25	14	9	CF 25.14	x20 045668
CM 50.21	300	35/50	21	13	CF 50.21	x10 045613
CM 70.21	400	50/70	21	13	CF 70.21	x5 045750
CM 95.24	500	70/95	24	13	CF 95.24	x5 047495
CF 25.14	200	10/25	14	9	CM 25.14	x30 045651
CF 50.21	300	35/50	21	13	CM 50.21	x10 045620
CF 70.24	400	50/70	24	13	CM 70.21	x5 045736
CF 95.24	500	70/95	24	13	CM 95.24	x5 072374

QUICK CONNECTORS



FUSES - Fusibles - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝

Part No.	Current	Part No.	Current	Part No.	Current	Part No.	Current
054578	6.3 A	054530	10 A	054486	100 A	054547	200 A
056527	10 A	054493	15 A	054394	100 A	055568	250 A
		054509	20 A			054561	300 A
		054516	25 A				
		054523	30 A				
		054554	40 A				

ANTI-ARC PROTECTION - Protection Anti-Arc - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faísca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护



ADJUSTABLE BATTERIE CARRIER - Porte-batterie ajustable - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора



ACIDIMETER (PH METER) - Pèse acide antigel - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (pH-метр) - 防冻酸度计



SOLAR POWERED CHARGER WITH ACCESSORIES - Kit solaire de maintien de charge avec accessoires - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами



MULTI CHARGE STATION FOR BATTERIES - Station multicharge pour batteries - Multi-Ladestation für Starterbatterien



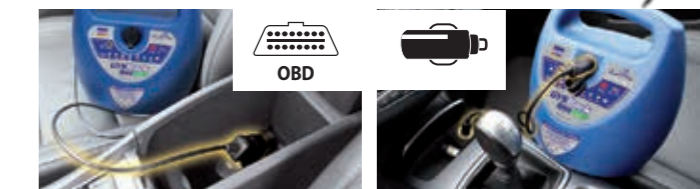
MEMORY AUTO SAVE - Sauvegarde mémoire OBD - Sicherung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器



GYSPACK OBD

054998

055001



Feature	Value
Memory Saver	12V - 7 Ah
Current Limit	< 4 A
Dimensions	25 x 18 x 25 cm
Weight	3 kg

CABLE OBD - Câble OBD - Kabel für OBD



HAND LAMPS - Lampes baladeuses - Handleuchte

Lampe BALADEUSE TRIPODE 250 L
100-250 lumens (x3)

3 x 1 W COB LED
3 x 3.6 V - 300 mAh
AAA rechargeable, Ni-MH
USB charging (6h)
operating time
High position: 1 h
Low position: 3 h
Flashing: 5 h

↓ 26 x 10 x 10 cm / 960 g
20 x 10.5 x 27 cm

059955

Lampe BALADEUSE 400 L
400 lumens

COB LED
Li-ion
Charging time: 8h
operating time
High position: 2.5 h
Low position: 5 h
Top light (1 W): 6 h

↓ 23 x 6.5 x 4 cm / 480 g
13 x 7 x 23.5 cm

059153

Lampe BALADEUSE PRO 600 L
250-600 lumens

COB LED, 80 CRI
3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)
operating time
High position: 1.5 h
Low position: 4.5 h
Top light (100 lumens): 10 h

↓ 19 x 5.6 x 2.9 cm
520 g
9 x 13 x 23.2 cm
IP54
210g

060883

UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube

Lampe SOUS CAPOT 600 L
500-1000 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 4 h
Low position: 8 h

↓ 26 x 10 x 10 cm
23 kg
23.5 x 12 x 69.5 cm

059962

Lampe SOUS CAPOT 800 L
250-800 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 3 h
Low position: 6 h

↓ 26 x 10 x 10 cm
23 kg
23.5 x 12 x 69.5 cm

058002

360° AMBIANT LAMP - Lampe ambiance 360°

Lampe AMBIANCE 360° PORTABLE 1000 L
60 > 1000 lumens

>80 CRI SMD LED
6500 K
3.7V - 5200 mAh Li-ion
USB charging (4.5 h) / USB power supply
operating time 2 > 27 h

↓ 26 x 7.5 x 7.5 cm
660 g
7.8 x 8 x 35 cm
IP 54

059764

INSPECTION LAMP - Lampe inspection - Inspektionslampen

Lampe INSPECTION PRO 600 L
0 > 600 lumens

6500 K
3.7 V - 2600 mAh Li-ion
operating time
1.5 > 15 h

↓ 380 x 40 x 45 mm
360 g
40 x 8.8 x 5.5 cm

057760

Lampe INSPECTION MINI 350 L
0-350 lumens

COB LED
3.7 V - 1100 mAh Li-ion
USB charging (3 h)
operating time
3 > 6.5 h

IP 20
075894

Aluminium Body

50 lumens
120 lumens
350 lumens

146 mm
279 mm

Lampe INSPECTION PRO 800 L
120-800 lumens

COB LED
3.7 V - 2600 mAh Li-ion
USB charging (4 h)
operating time
2.5 > 9 h

IP 54
075900

Aluminium Body

120 lumens
120 / 400 lumens
150 / 800 lumens

162 mm
304 mm

Lampe INSPECTION FRONTALE 280 L
100-280 lumens

3 W COB LED
80 CRI+, 6500 K
3.7 V - 1500 mAh Li-po
micro USB charging
operating time
High position: 2 h
Low position: 6 h

IP 65 / ↓ 7.8 x 4.7 x 4.2 cm
40 x 8.8 x 5.5 cm / 200 g

060845

Lampe INSPECTION MINI 200 L
100-200 lumens

COB LED, 80 CRI, 6500 K
3.7V - 700 mAh Li-ion
micro USB charging (2.5 h)
operating time
High position: 1.5 h
Low position: 4 h
Top light: 3.5 h

IP 20 / ↓ 17.4 x 2.7 x 2.8 cm
17.5 x 5 x cm / 140g

120 lumens

060852

WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

Lampe sur TRÉPIED 1800 L
1800 lumens

3x 55 COB LED
total 165 LED
1.8 m power cord

3.2 kg
95 x 14.5 x 14 cm

059146

Lampe sur TRÉPIED 3000 L
3000 lumens

35 W COB LED
2 m power cord

IP 44
4.1 kg
103 x 21.5 x 10 cm

059979

Lampe sur TRÉPIED 4000 L
4000 lumens

3x 20 COB LED,
total 60 LED
3 m power cord

6.4 kg
22 x 16 x 116 cm

059986

AUTOMOTIVE BATTERIES

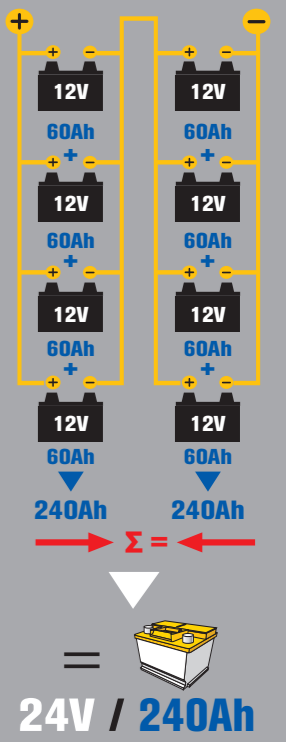
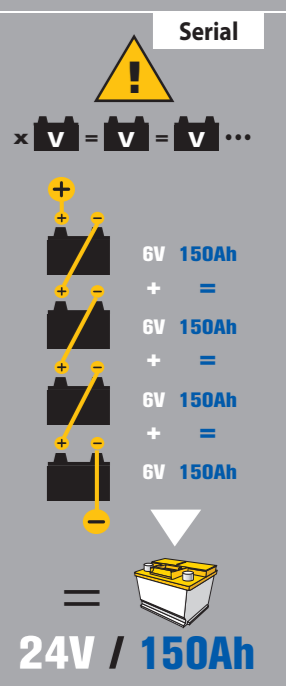
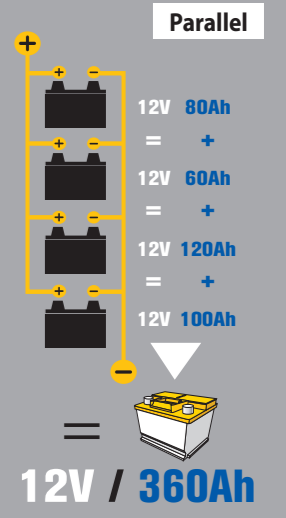
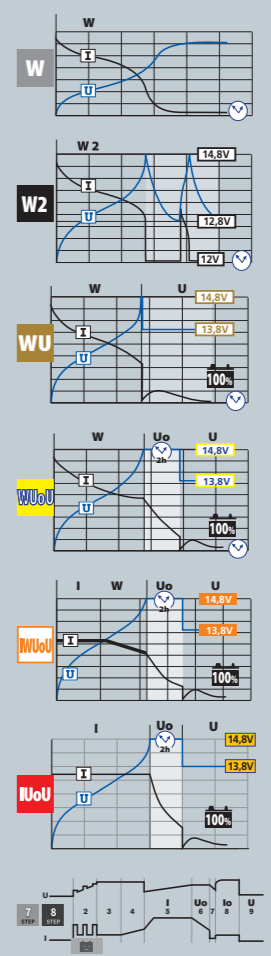
Batteries de démarrage - Starterbatterien - Baterias de arranque
- Automotive accu's - Baterias de Automóvel - Mmotopiles
огондатов - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED FAST CHARGE IUoU	✓	✓	✓	✓	✓	-	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

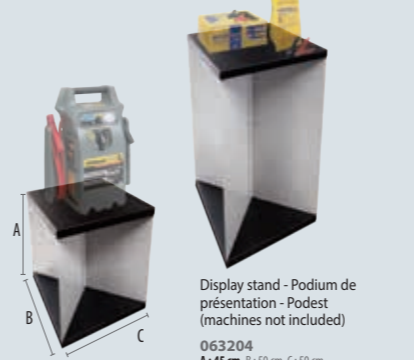
GYSFLASH Lithium

8 STEP Li-ion 8 STEP LiFePO₄ 9 STEP Li-ion 9 STEP LiFePO₄

LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



MARKETING



Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412

Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included) 060784



INVEST IN THE FUTURE



French manufacturer
since 1964

2
0
2
4

Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores



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