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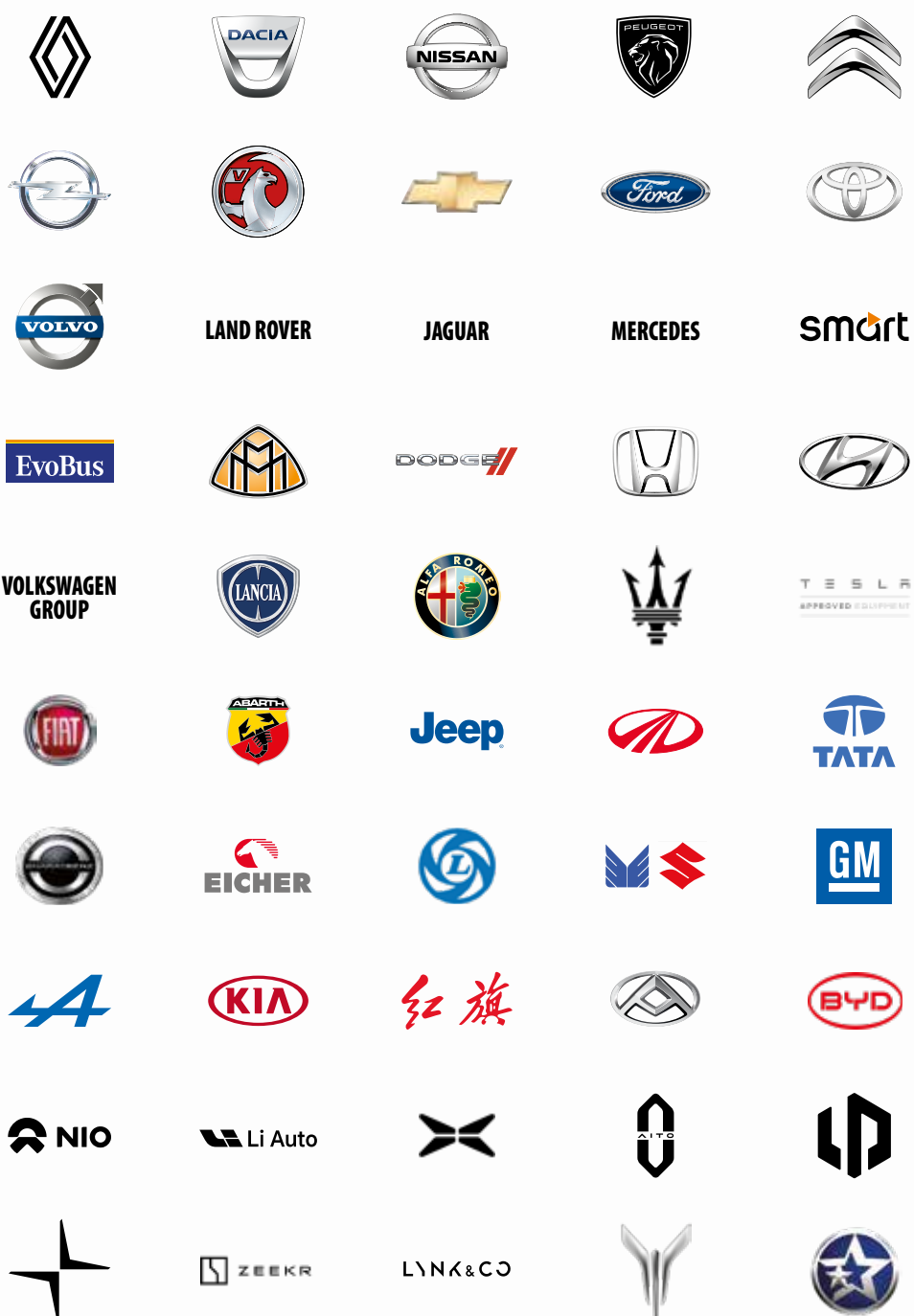
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эл.почта: gry@nt-rt.ru || сайт: <https://gysfr.nt-rt.ru>



★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



CHARGERS & BATTERY SUPPORT UNIT

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

GYSFLASH

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GYSFLASH TECHNOLOGY



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



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 : 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” 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.



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: 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 STEP / 8 STEP

1. Status analysis

2. Recovery

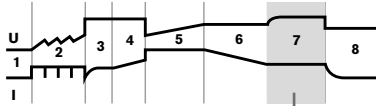
3. Test desulfation

4. Desulfation
5. Fast charge 80%

6. Absorption

7. Refresh (for "8 step" only)

8. Floating 100%



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).



GYSFLASH Pb

CHARGERS Pb



BEST SELLER



GYSFLASH 1.12

1 A



F FLASH Connector



029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A



F FLASH Connector



4.12
029422
UK: 029521

4.12S (110 V)
Japan 069190
USA 072701
Brazil 072817

12 V

GYSFLASH 6.12

0.8/6 A



F FLASH Connector



029378
UK: 029613

GYSFLASH 8.12

8 A



029385
UK: 029545

GYSFLASH 12.12

12 A



S SAE Connector



029392
UK: 029552

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMAR & DESIGN

	 50 / 60 Hz		Power	I _{charge}	 V	 Charge	 Maintenance		Ondulation/ Ripple	Charging curve		IP			 L × W × 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 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
GYSFLASH 4.12 GYSFLASH 4.12S	220-240 V AC 100-127 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 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
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 × 10 × 5.2 cm	36 × 19.5 × 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 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 12.12	220-240 V AC	2 m	195 W	12A	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 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN
GYS
FRANCE

MADE IN
GYS CHINA





GYSFLASH Pb

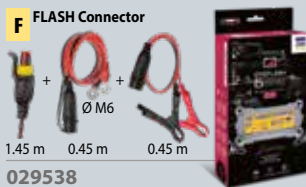
CHARGERS Pb



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6A



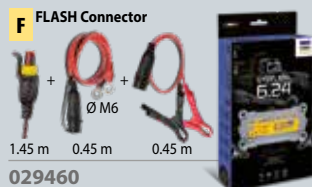
029538



6/12/24V

GYSFLASH 6.24

0.8/6A



029460

029644

GYSFLASH 9.24

9A



029477

029651

DESIGN
GYS
FRANCE

MADE IN
GYS CHINA

8

			Power	I _{charge}		Charge	Maintenance		Ondulation/ Ripple	Charging curve					L × W × H cm / kg
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 × 10 × 5.2 cm	36.5 × 19.4 × 7 cm / 1
GYSFLASH 6.24	220-240 V AC	2 m	130 W	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 × 10 × 5.2 cm	36.5 × 19.5 × 7 cm / 1
				0,8/4 A	24 V	1.2 > 100 Ah	1.2 > 140 Ah								
GYSFLASH 9.24	220-240 V AC	2 m	190 W	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 × 11.1 × 5.8 cm	36.5 × 19.5 × 7 cm / 1.3
				6 A	24 V	15 > 125 Ah	15 > 170 Ah								

GYSFLASH TECHNOLOGY



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 Engine :

Compatible with Start/Stop vehicles.

Compatible véhicules Start/Stop.

Geeignet für START-STOP- Fahrzeuge.



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 : 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).



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

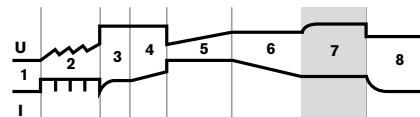
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

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

SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO₄

Pb

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%



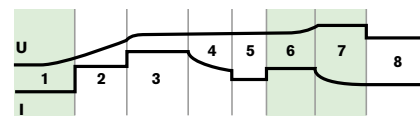
Rebalancing of the battery cells for greater longevity (not available on all models).

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).

Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO₄ (LFP)

1. UVP Wake up - Status analysis
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.

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 LITHIUM

CHARGERS LiFePO₄



12V

GYSFLASH 1.12 Lithium

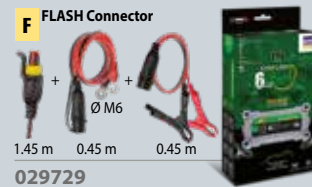
1A



029675

GYSFLASH 6.12 Lithium

4/6A



029729

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

			Power	I _{charge}		Charge	Maintenance		Ondulatio / Ripple	Charging curve					L × W × 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 × 8 × 3.8 cm	29.7 × 15 × 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 × 10 × 5.2 cm	36.5 × 19.5 × 7 / 1



9

GYSFLASH LITHIUM

CHARGERS



CHARGERS Pb / LiFePO₄

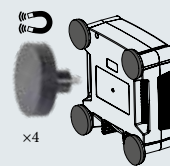


12V

OPTION

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

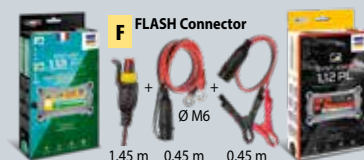
Magnetfix 20
026063



12/24V

GYSFLASH 1.12 PL & 1.12 PL S

1 A



1.12 PL
026902
027541

1.12 PL S (110 V)
070851
072794
072824

GYSFLASH 8.12 PL

1/4 / 8 A



069282

GYSFLASH 18.12 PL

7/12 / 18 A

GO > 2 V



026926

GYSFLASH 30.12 PL

7/15 / 30 A



029668
026070

GYSFLASH 20.12/24 PL

7/15 / 20 A



026049
027558

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		 50 / 60 Hz		Power	I _{charge}	 V	 Charge	 Maintenance	 Z _z	Ondulation/ Ripple	 Charging curve	 IP			L × W × H cm / kg	
DESIGN GYS FRANCE	GYSFLASH 1.12 PL	220-240 V AC	2 m	20 W	1 A	12 V	2 × 32 Ah (Pb) 0.5 × 20 Ah (LiFePO4)	2 × 100 Ah (Pb) 0.5 × 50 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,69 kg	17 × 9 × 5.1 cm	33 × 17.5 × 6 / 0.8
MADE IN GYS CHINA	GYSFLASH 1.12 PL S	100-127 V AC					15 × 160Ah (Pb) 1.2 × 160 Ah (LiFePO4)	15 × 240Ah (Pb) 1.2 × 240 Ah (LiFePO4)	<0.4 Ah/ month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 65	0,85 kg	19 × 10 × 5.2 cm	—
MADE IN FRANCE	GYSFLASH 8.12 PL	220-240 V AC	2 m	300 W	7/12/18 A	12 V	15 × 270 Ah (Pb) 7 × 270 Ah (LiFePO4)		<0.5 Ah/ month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,55 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 1.9

 PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN				Power	 I _{charge}	 V	 Charge	 Maintenance		Ondulation/ Ripple	 Charging curve	 IP			 L × W × H cm / kg	
		50 / 60 Hz														
MADE IN FRANCE	GYSFLASH 30.12 PL	220-240 V AC	2 m	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO4)		<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 2.2
	GYSFLASH 20.12/24 PL	220-240 V AC	2 m	500 W	7/15/20 A	12 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO4)		<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO4)	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 8.5 / 2.2
					7/15 A	24 V	15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO4)									

GYSFLASH TECHNOLOGY

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.

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).

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.

SMART CHARGE 7 STEP / 8 STEP

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. Status analysis

3. Recovery

4. Fast charge 90%

5. Test

6. Completion

7. Equalization

8. 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 Pb / LITHIUM

CHARGER 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 > 2 V SSM START STOP 7 STEP Pb 8 STEP LiFePO₄

2,5 m - 6 mm² 027381

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	4,7 kg	8 × 25 × 20 cm	L × W × H cm / kg	
	GYSFLASH 32.12 PL	230V	2.5 m	500W	7/15/30 A	12 V	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	2.5 m	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 Pb

CHARGER Pb

INTENSIVE

SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15 A

GO > 2 V SSM START STOP 7 STEP Pb SC

5 m - 4 mm² 025813

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

GYS

13

GYSFLASH Pb / LITHIUM

CHARGERS

GYSFLASH TECHNOLOGY



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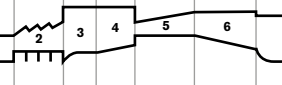


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Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP

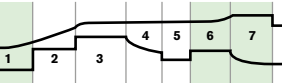
Pb

- 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 - Status analysis
- 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.
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 Pb / LITHIUM

ELECTRO MOBILITY CHARGERS
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

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

S SAE Connector

1.45 m 0.45 m 0.45 m

027398



48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

3 A GO > 5 V SSM

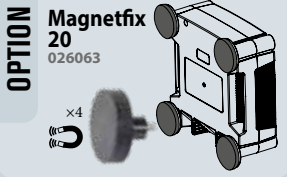
GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

S SAE Connector

1.45 m 0.45 m

027893



OPTION

Magnetfix 20
026063

x4



36 / 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

10 A GO > 5 V SSM

GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

A ANDERSON Connector

1.9 m (4 mm²)

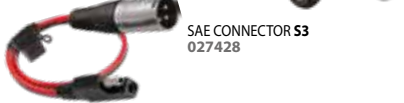
027060



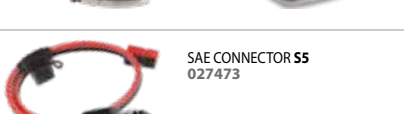
DESIGN GYS FRANCE	 PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN			Power	Icharge		 n cell						Ondulation/Ripple	Charging curve		IP			
		Pb	LFP	NMC	Charge	Maintenance													
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24 V	12	8	6	15 > 125 Ah (Pb) 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 × 11.1 × 5.8 cm	36.3 × 19.3 × 6.7 cm / 1.4
		220-240 V AC	2 m	195 W	3 A	48 V	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 × 11.1 × 5.8 cm	36 × 19.5 × 7 cm / 1.2
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36 V	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 × 19 × 7.3 cm	22 × 30 × 8 cm / 2
					8 A	48 V	24	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)								

ELECTROMOBILITY

MOBILITY



OUTDOOR



15

GYSFLASH Pb / LITHIUM

ELECTROMOBILITY CHARGERS

CONNECTORS

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																						

Pb

1.12																											
1.12 PL																											
4.12																											
6.12																											
8.12																											
8.12 PL																											
12.12																											
18.12 PL																											
30.12 PL																											
6 Heritage	6V	12V																									
6.24 PL			24V																								
20.12/24 PL			12V	24V																							
6.24																											
9.24																											
3.48 PL																											
10.36/48 PL																											

LiFePO4

1.12 Lithium																											
1.12 PL																											
6.12 Lithium																											
8.12 PL																											
18.12 PL																											
30.12 PL																											
6.24 PL																											
20.12/24 PL																											
3/48 PL																											
10.36/48 PL																											

Li-ion

6.24 PL																											
3/48 PL																											
10.36/48 PL																											

M = maintenance only

GYSFLASH ON BOARD

CHARGERS

ON BOARD

Pb

NMC / LCO / MCO / NCA...

Lithium

LiFePO4 / Li-ion / Li-Po

21.5 cm

7 cm

17.5 cm

GYSFLASH 18.12 PL-E

GYSFLASH 30.12 PL-E

GYSFLASH 15.24 PL-E

GYSFLASH 8.48 PL-E

12V

GYSFLASH 18.12 PL-E

18 A

Pb / LFP

025806

30 A

COMING SOON

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

SMART CHARGE

Pb

1. Status analysis

2. Recovery

3. Test desulfation

4. Desulfation

5. Fast charge 80%

6. Absorption

7. Floating 100%

U

I

1

2

3

4

5

6

7

Pb TRACTION

1. Status analysis

2. Recovery

3. Sulphation test

4. Desulfation

5. Fast charge 80%

6. Absorption

7. Test Absorption

8. Refresh

9. Floating 100%

U

I

1

2

3

4

5

6

7

8

9

LiFePO4 (LFP) / Li-ion

1. Status analysis

2. Recovery

3. Fast charge 90%

4. Absorption 95%

5. Test

6. Completion

7. Equalization

8. Floating 100%

U

I

1

2

3

4

5

6

7

8

UVP Wake up (Under Voltage Protection)

Battery reactivation when in UVP protection.

Reactivation 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

HIGH EFFICIENCY

Up to 15% Energy Saving

93%

EMC class B

ALU

RUST PROTECTION

ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

ENERGYS DC · DC CHARGER

DC · DC CONVERTER REVERSIBLE

Pb

Liquid / Gel, AGM

Lithium

LiFePO4

3.5 cm

13,5 cm

Ø 6 mm

20 cm

ENERGYS DC/DC 50.12 / 24

50 A

072534

OPEN & CONNECT

Terminals included

Auxiliary connector included

cables not included

	Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
	U	I max	U	I max	U _{MPP}	I max				
ENERGYS DC/DC 50.12/24	12/24V	50A	12/24V	50A	9-30V	20A	98%	<2.5 mA	135 × 35 × 200	570

EURO 6 STANDARD

Vehicle started

ALTERNATOR

IN

OUT

SOLAR REGULATOR

MPPT integrated (Max Power Point Tracker)

IN

max 5 A

OUT

REVERSIBLE CHARGE (Over-wintering)

vehicle stopped

WITH GYSFLASH

IN

max 5 A

OUT

MORE OUTPUT POWER

PARALLEL CHARGING

50 A

+

50 A

+

50 A

150 A

ACCESSORIES

foldable

1,2 m

0,5 m

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 Energys DC/DC 50.12/24

079410

NEW

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

Shunt

RJ11 cable

Temperature cable

NEW

Battery coupler

Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesto batteria - Separator akumulatora

12 V - 140 A

Pb battery only

Euro 6 not compatible

082564

19

ENERGYS DC · DC CHARGER

ON BOARD CHARGERS



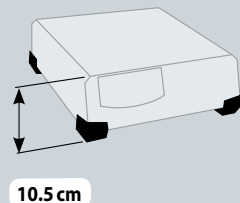
GYSFLASH PRO

BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration



PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



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

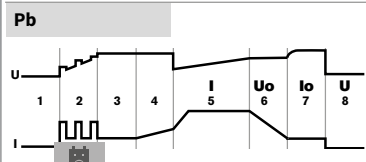
SC SMART COOLING TECHNOLOGY

100% DUST PROOF



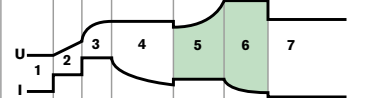
SILENT

SMART 8 STEP



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh
8. Floating 100%

LiFePO₄ 7 steps



1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Completion
6. Equalization
7. Floating 100%

CHARGE

Pb AUTOMOTIVE

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

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

BSU

DIAG +



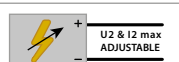
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



12 V

GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm²
029224



GYSFLASH 50.12 FV

50 A

PFC FV SC

2,5 m - 10 mm²
026056



GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm²
029071
029453
5 m - 16 mm²
029415
029002
082304



ACCESSORIES

p.35

6 / 12 / 24 V

GYSFLASH 30.24

30 A

PFC SC

2,5 m - 6 mm²
029231



GYSFLASH 50.24

50 A

PFC SC

2,5 m - 10 mm²
029095
5 m - 10 mm²
029620



12 V

GYSFLASH 102.12

100 A

PFC SC

5 m - 16 mm²
029606
082311



MADE IN FRANCE	50 / 60 Hz	L ↕	mm ²	Battery icon	⚡	START MINI	I _{max}	25°C @ 100 %	40°C @ 100 %	Battery icon	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Person icon	↕	L x W x H cm / kg
GYSFLASH 30.12	185 > 265 V	2,5 m	6	12V	540 W	2 V	30 A	30 A	30 A	10 > 400 Ah	—	Ø M6	21	4.9 kg	25.5 x 10.5 x 23 cm	41.4 x 25 x 31.1 / 4.9
GYSFLASH 50.12 FV	85 > 265 V	2,5 m	10	12V	850 W	2 V	50 A	50 A	40 A	10 > 600 Ah	—	Ø M6	21	6.6 kg	30 x 10.5 x 29 cm	40 x 24 x 30 / 6.6
GYSFLASH 100.12	185 > 265 V	2,5 m 5 m	16	12V	1600 W	2 V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	7.4 kg 8.3 kg	32 x 10.5 x 29.2 cm	31 x 25 x 41 / 7.4
GYSFLASH 30.24	185 > 265 V	2,5 m	6	6 V 12 V 24 V	540 W	2 V	30 A 30 A 15 A	30 A 30 A 15 A	30 A 30 A 15 A	10 > 400 Ah 10 > 200 Ah	•	Ø M6	21	4.9 kg	25.5 x 10.5 x 23 cm	41.5 x 24.3 x 31 / 4.9
GYSFLASH 50.24	185 > 265 V	2,5 m 5 m	10	6 V 12 V 24 V	1600 W	2 V	50 A	50 A 50 A 45 A	45 A 40 A 35 A	10 > 600 Ah	•	Ø M6	21	6.6 kg 7.9 kg	30 x 10.5 x 29.2 cm	41 x 24.5 x 31 / 6.6
GYSFLASH 102.12	185 > 265 V	5 m	16	12V	1600 W	2 V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	9.1 kg	12 x 34.5 x 29.5 cm	24 x 40 x 30 / 9.1



21

GYSFLASH PRO

BATTERY SUPPORT UNIT





GYSFLASH PRO CNT

BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

CNT
Connected
Technology

**FULLY
CUSTOMIZABLE**

→ p.32

FV

**FLEXIBLE
VOLTAGE**



PFC

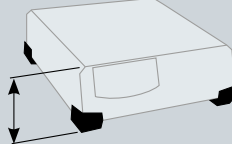
**POWER FACTOR
CORRECTION**

16 V

**COMPATIBLE WITH
16V BATTERIES**

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



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.32)

IP 41



IP 40



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

UK: 027756

US: 071605

AU: 082298



GYSFLASH 125.12 CNT FV

120 A

120 A @ 100%

PFC FV CNT

5 m - 25 mm²
028883

AU: 082274



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**

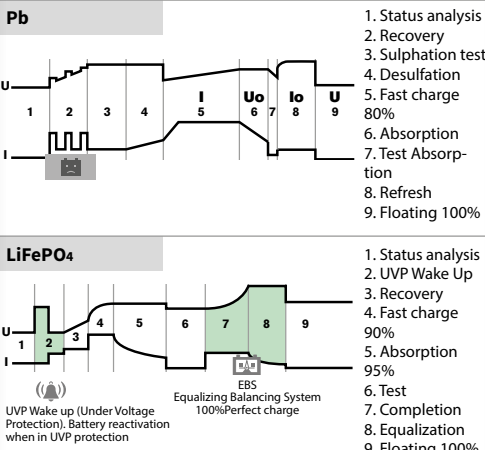
**100%
DUST
PROOF**



SILENT



SMART 9 STEP



CHARGE

(150 CURVE 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 CURVE CAPACITY)

DIAG +



U2 ADJUSTABLE

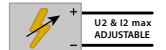
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



U2 & I2 max ADJUSTABLE

AND MORE

✓ TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ STARTER

✓ START

CNT

**Connected
Modules
& Technology**
p.32



MADE IN FRANCE	50 / 60 Hz	L	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 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	•	Ø 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	•	Ø M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm / 38.5 x 20 x 40.5 / 7.5 / 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	•	Ø 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	•	Ø 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 / 110 V : 50 A / 230 V : 100 A	72 A / 89 A / 50 A / 76 A	47 A / 68 A / 35 A / 59 A	20 > 1200 Ah	•	Ø 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 / 110 V : 25 A / 230 V : 50 A	44 A / 49 A / 26 A / 45 A	21 A / 39 A / 19 A / 35 A	10 > 600 Ah	•	Ø M6	20	9 kg	31 x 13 x 26 cm / 41 x 22 x 38.5 / 9



GYSFLASH PRO CNT

BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration



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



CNT
Connected
Technology
FULLY CUSTOMIZABLE
p.32

PFC POWER FACTOR CORRECTION

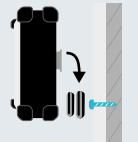
16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE

85 V 265 V

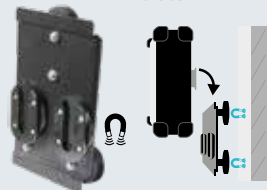
INCLUDED

Fixing kit

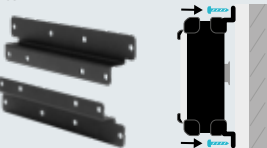


OPTIONS

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

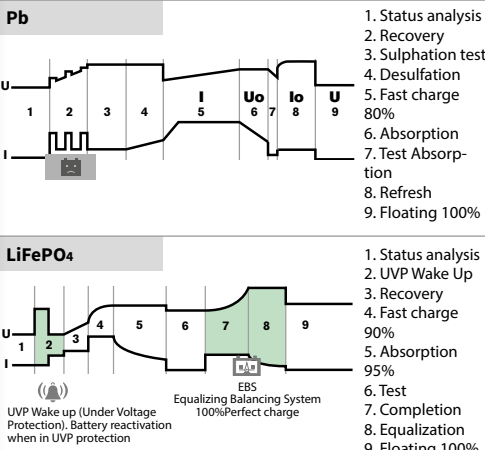
100% DUST PROOF



SILENT



SMART 9 STEP



CHARGE

(150 CURVE 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 CURVE CAPACITY)

- DIAG +**
- SHOWROOM**
- CHANGE BATTERY**
- POWER SUPPLY**
- AND MORE**
- ✓ TEST**
- ✓ VOLTAGE
 - ✓ START UP
 - ✓ ALTERNATOR
- ✓ STARTER**
- ✓ START

CNT

Connected Modules & Technology
p.32



MADE IN FRANCE

MADE IN FRANCE								25°C @100 %	40°C @ 100 %				IP			
	50 / 60 Hz	5 m	mm²			START MINI	I max									L × W × H cm / kg
GYSFLASH 103.12 CNT FV	85 > 265 V	5 m	16	12 V	1600 W	1 V	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	12 V	2000 W	1 V	110 V : 100 A 230 V : 120 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	6/12 V	1600 W	1 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
				24 V			110 V : 25 A 230 V : 50 A	110 V : 27 A 230 V : 44 A	110 V : 22 A 230 V : 35 A							
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12 V	3200 W	1 V	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
				24 V			110 V : 50 A 230 V : 100 A	50 A 95 A	47 A 72 A							



GYSFLASH PRO CNT

BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

CNT
Connected
Technology

**FULLY
CUSTOMIZABLE**
p.32

FV FLEXIBLE
VOLTAGE
85 V ← 265 V
10 V 230 V

PFC POWER FACTOR
CORRECTION

16 V ✓ COMPATIBLE WITH
16V BATTERIES



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



NEW

19 languages

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

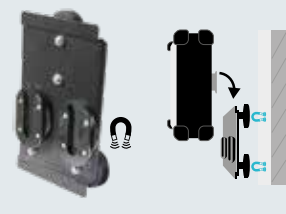
INCLUDED

Fixing kit



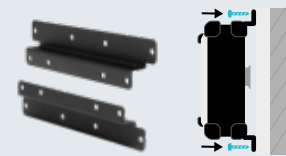
OPTIONS

Magnetfix 50
029637



GYSFLASH PRO
vertical wall
mounting kit
082694

NEW



6 / 12 / 16 / 24 V

GYSFLASH 107.24 CNT FV

100 A

PFC FV CNT 16 V ✓

5 m - 25 mm²
082939



SC

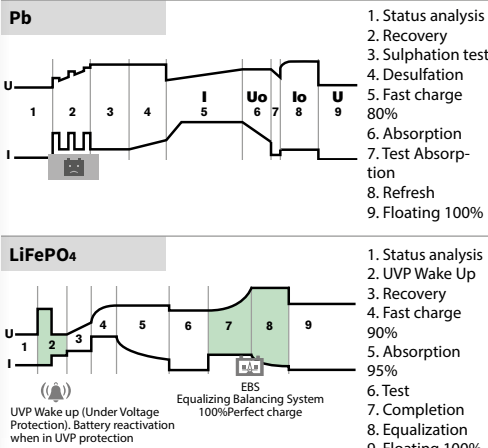
**SMART
COOLING
TECHNOLOGY**

**100%
DUST
PROOF**



SILENT

SMART 9 STEP



CHARGE (150 CURVE CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY

NORMAL
BOOST
RECOVERY+
and more

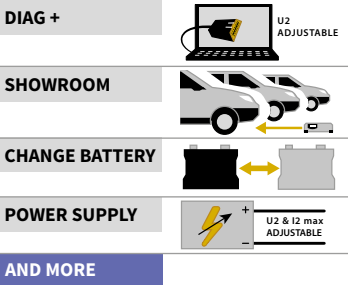
Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

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

BSU (10 CURVE CAPACITY)



✓ TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

✓ STARTER
✓ START



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



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

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



CNT

**Connected
Modules
& Technology**
p.32



MADE IN FRANCE																
	50 / 60 Hz	L	mm²					25°C @ 100 %	40°C @ 100 %							L × W × H cm / kg
GYSFLASH 107.24 CNT FV	85 ÷ 265 V	5 m	25	6/12 V	3200 W	1 V	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
				24 V			110 V : 50 A 230 V : 100 A	50 A 95 A	47 A 72 A							
GYSFLASH 25.48 CNT FV	100 ÷ 127 V	5 m	10	6/12/24 V	800 W 800 W	1 V	110 V : 12 A 230 V : 25 A	19 A 23,5 A	12 A 22 A	10 ÷ 300 Ah	●	Ø M6	21	7,8 kg	12 × 34,5 × 29,5 cm	40,5 × 38 × 22,5 / 8,8
	220 ÷ 240 V			36/48 V	800 W 1600 W		13 A 24 A	10 A 20 A								
GYSFLASH 53.48 CNT FV	85 ÷ 265 V	5 m	10	6/12/24 V	3200 W	1 V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 ÷ 600 Ah	●	Ø M6	30	9,5 kg	34 × 25 × 15 cm	40 × 39 × 23 / 9,5
				36/48 V			110 V : 25 A 230 V : 50 A	26 A 48 A	20 A 37 A							



STARTFLASH

BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

Battery support for:

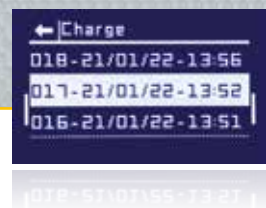
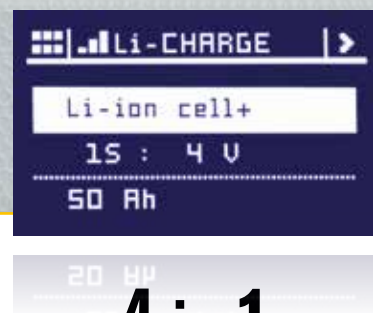
- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

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

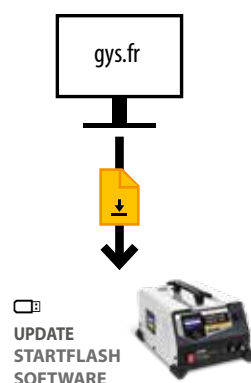
TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

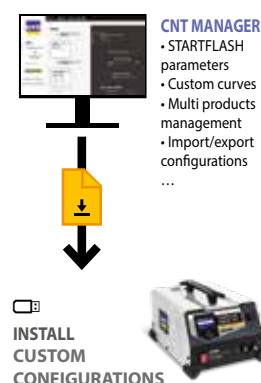
CNT

Connected Technology

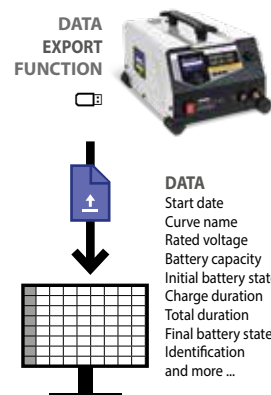
SOFTWARE UPDATE



CUSTOMIZATION



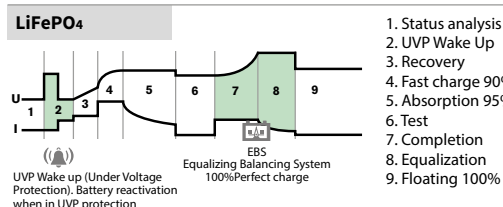
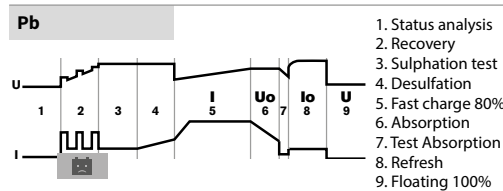
TRACEABILITY



Connected Modules & Technology p.32



SMART 9 STEP



- 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 FIRST



6/12/16/24V

STARTFLASH 120.24 CNT

2, 300 A

5 m - 35 mm² 700 A
073616

OPTION

Trolley 074965



 STARTER RECOMMENDATION	6V 12V 24V				6V 											+300
	STARTFLASH 120		10 > 180 Ah			Précharge					180 > 250 Ah					

MADE IN FRANCE	 50 / 60 Hz	CHARGE 								START 			IP	 LxWxH cm / kg	 LxWxH cm / kg	
				START MINI	I max	25°C @ 100 %	40°C @ 100 %		 TRACTION BATTERIES		1V/C	0V/C				AUTO START
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500 W	2 V	110 V : 100 A	75 A	55 A	20 > 1200Ah	●	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
					230 V : 120 A	110 A	90 A			6V :	300 A	300 A				
										12 V :	300 A	300 A				
									24 V :	200 A	300 A					



GYSFLASH PRO CNT

BSU

BATTERY SUPPORT UNIT

CNT

Connected
Technology

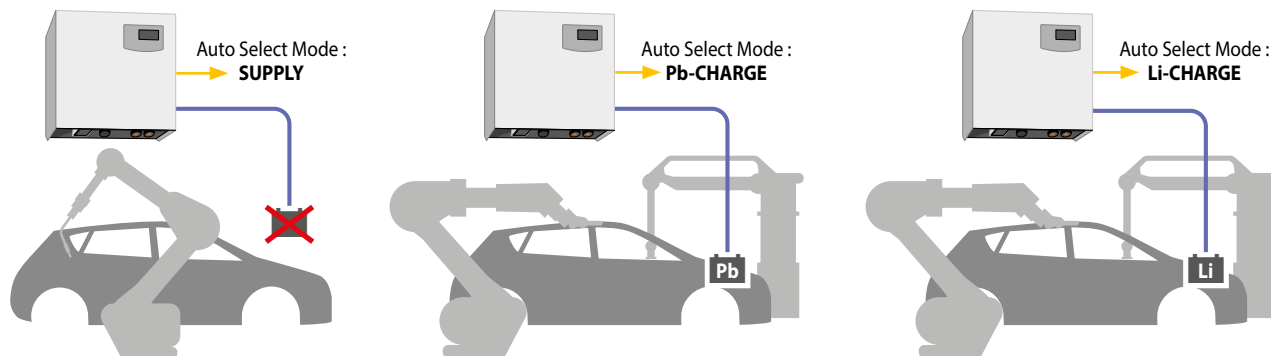
FULLY
CUSTOMIZABLE
p.32

19 languages

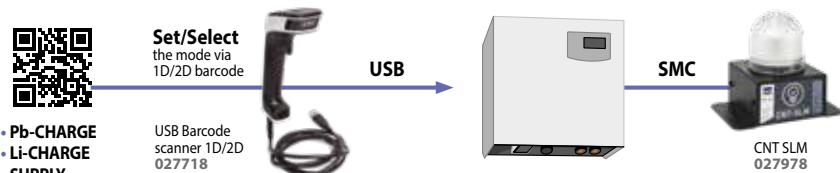
GB ES RU TR PL
FR PT SE HR SK
DE HU DK GR UA
NL IT FI CZ

SPECIAL PROJECT
- CONTACT US

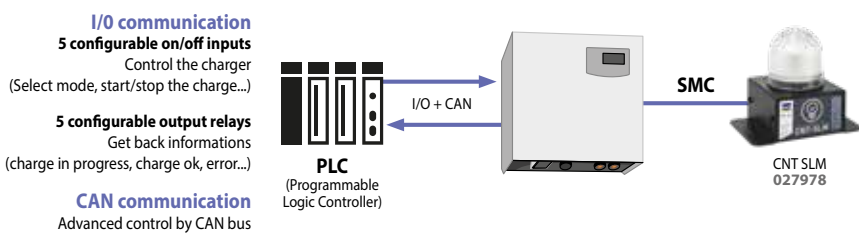
AUTOMATIC BATTERY DETECTION & MODE SELECTION



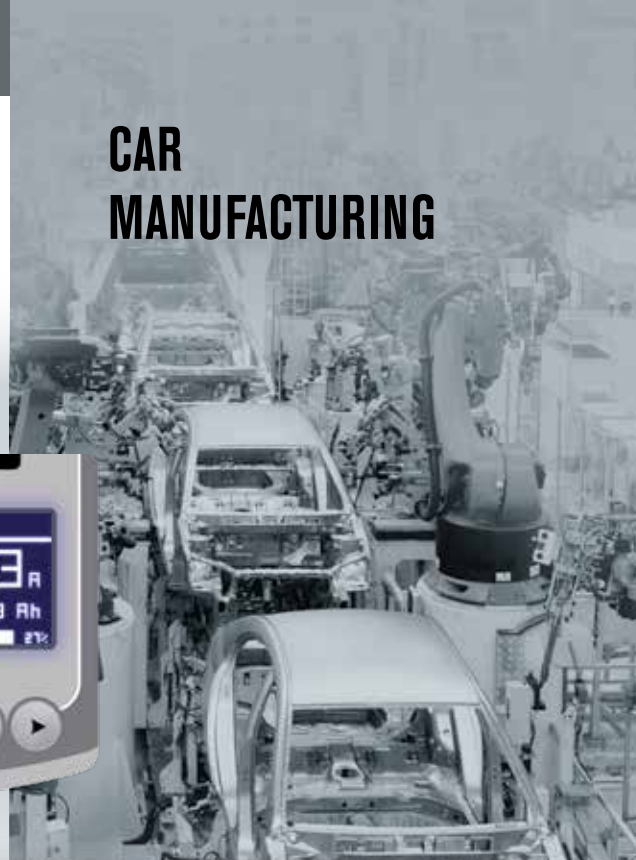
CONTROL VIA 1D/2D BARCODES



ADVANCED AUTOMATION



CAR MANUFACTURING



GYSFLASH PRO CNT

PFC POWER FACTOR
CORRECTION

FV FLEXIBLE
VOLTAGE

85 V 265 V

110 V 230 V

GYSFLASH 108.12 CNT FV

GYSFLASH 148.12 CNT FV

FV FLEXIBLE
VOLTAGE

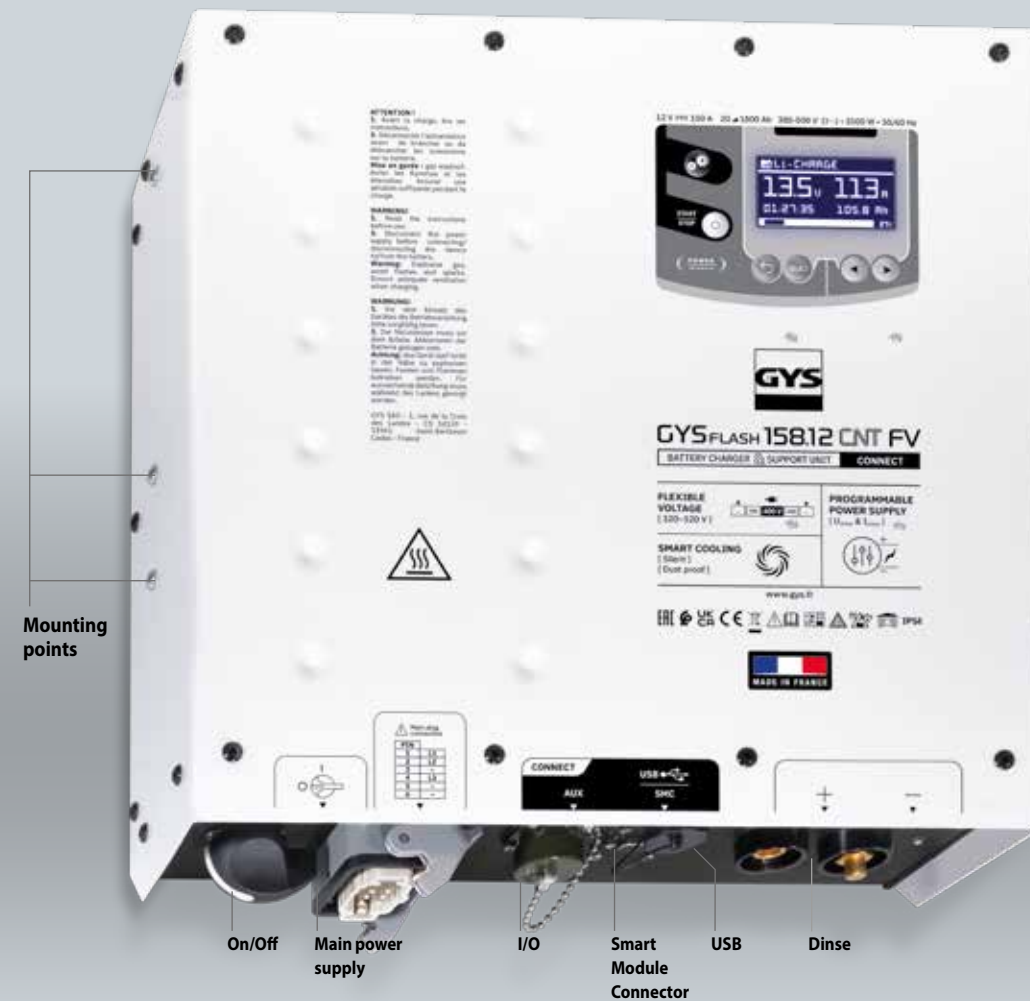
320V 520V

400 V 480 V

GYSFLASH 158.12 CNT FV

GYSFLASH 158.12 CNT FV

NEW



SCREW CONNECTOR
available on request

CONFIG DESIGNER MENU

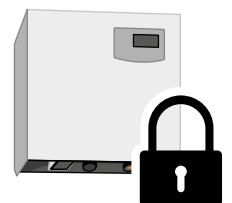
Setting the charge curve from the
Gysflash interface :

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



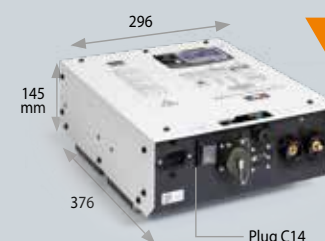
*No computer
or
USB key needed

SECURE ACCESS



- Customizable
manual accesses
- Configurable
password

12 V



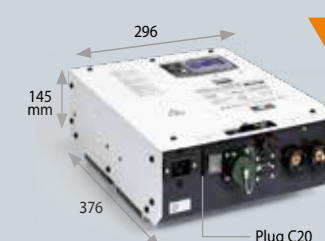
COMING
SOON

GYSFLASH 108.12 CNT FV

105 A 1~

PFC SC FV CNT

085602



COMING
SOON

GYSFLASH 148.12 CNT FV

145 A 1~

PFC SC FV CNT

069916



COMING
SOON

GYSFLASH 158.12 CNT FV

150 A 3~

SC FV CNT

069909

CHARGE

(150 CURVE CAPACITY)

Pb CHARGE
✓ LEAD ACID
✓ and more

Li CHARGE
✓ LITHIUM
✓ and more

SUPPLY

(10 CURVE CAPACITY)

EPS (External Power Supply)
✓ and more

POWER-UP

**LITHIUM
REACTIVATION MODE**

31

GYSFLASH PRO CNT

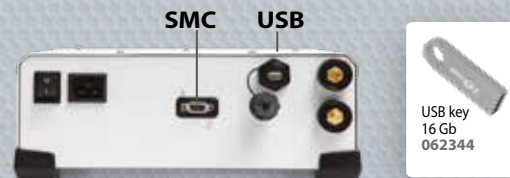
BATTERY SUPPORT UNIT



BSU

BATTERY SUPPORT UNIT

CNT
Connected
Technology



SOFTWARE UPDATE

LIFETIME EVOLUTION



TRACEABILITY

CHARGING DATA



DESIGN YOUR CHARGING CURVE

PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

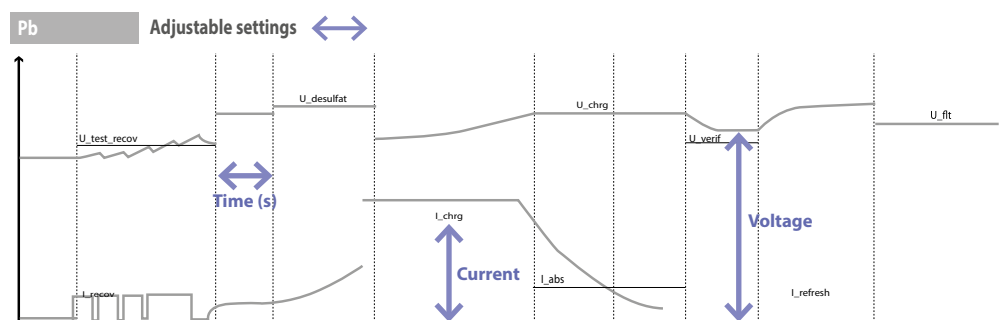
CNT MANAGER (gys.fr)

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



Full customisation

Create your personalised configuration



Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
CELL VOLTAGE (20% - 100%)	2.0 V/cell – 2.15 V/cell	3.2 V/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 one of our GYS configuration

Configuration file (gys.fr)	Applications	CHARGE MODE											POWER MODE						MISCELLANEOUS			
		Pb-CHARGE						Li-CHARGE			TRACTION		SHOWROOM	DIAG+	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



SPECIAL PROJECTS

Contact us for special projects.

Quick Customization:
Modes, Curves, parameters...

MODULES

MAXIMUM VERSATILITY

SINGLE MODULE



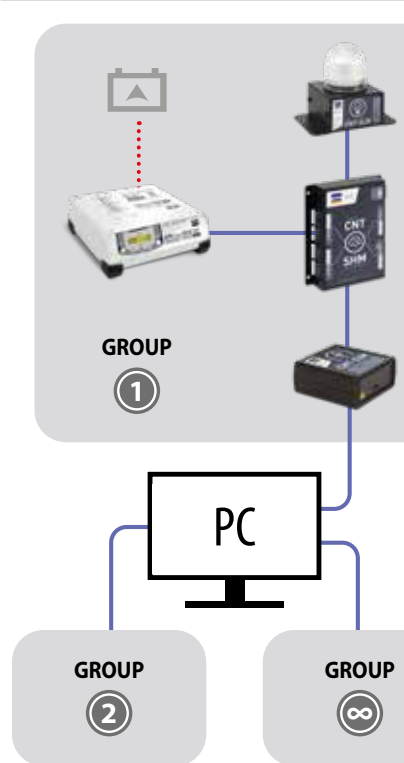
MULTI MODULES



ADVANCED

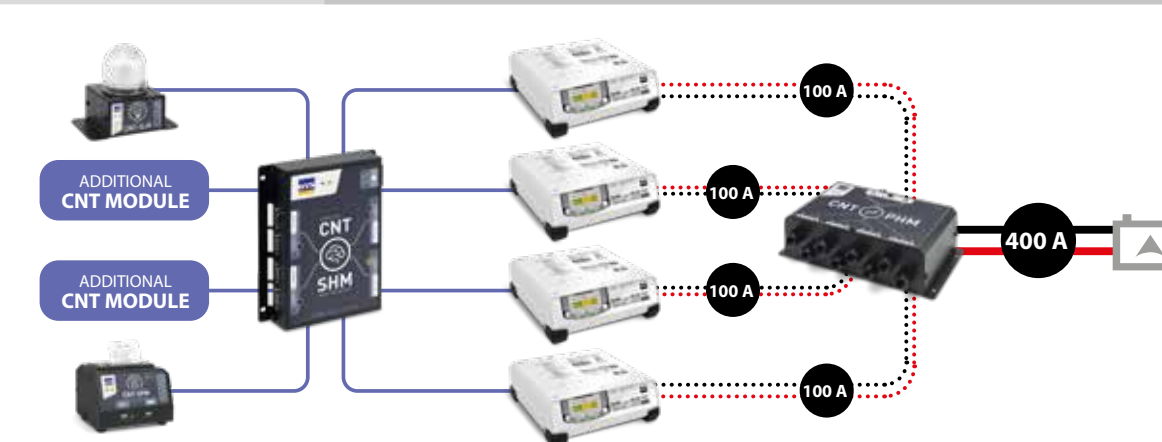


MULTI-MODULES GROUPS



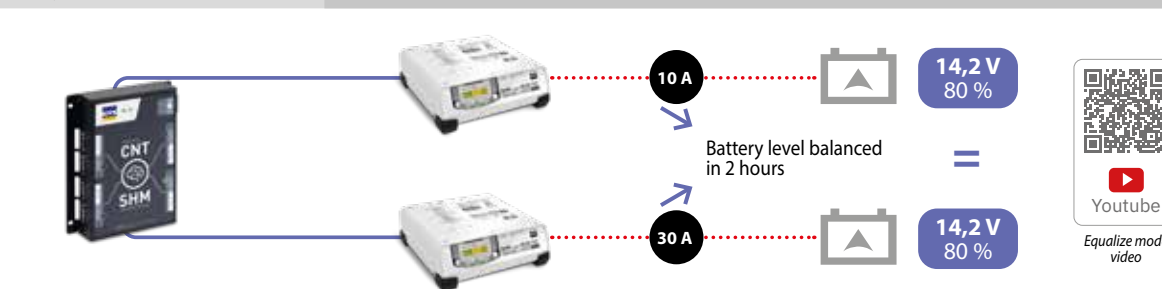
PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)



EQUALISATION

APPLICATION EXAMPLE: DIAGNOSTICS OR RESPROGRAMMING TRUCKS



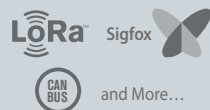


BSU

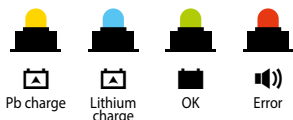
BATTERY SUPPORT UNIT

CNT
Connected
Technology

COMING SOON

**SMC CABLE****1 m**
056596**3 m**
025691Scratch
mountedMagnetic
mountingDownload the brochure -
Télécharger la brochure -
Brochure herunterladen**LIGHT & SOUND****CNT-SLM**
Smart Light Module
027978

65dB

↓ 12.6 × 14.6 × 9.3 cm / ▲ 560g
☞ 23 × 17 × 13 cm / ▲ 840gIncluded
SMC Cable
1 m
056596**OPTIONS**SLM/SPM support
028906**PRINT****CNT-SPM**
Smart Printer Module
026919↓ 14 × 10.5 × 13.3 cm /
▲ 1.4 kg
☞ 23 × 17 × 13 cm /
▲ 1.9 kg

Customizable receipt

Included

SMC Cable
1 m
056596Standard roller x2
57mm x 7.5 m, Ø 25 mm
056633**OPTIONS**

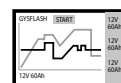
USB Keyboard

AZERTY 027725

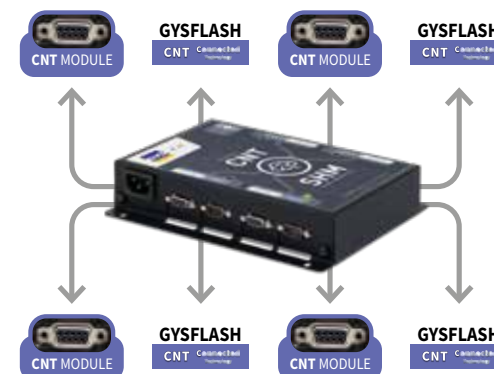
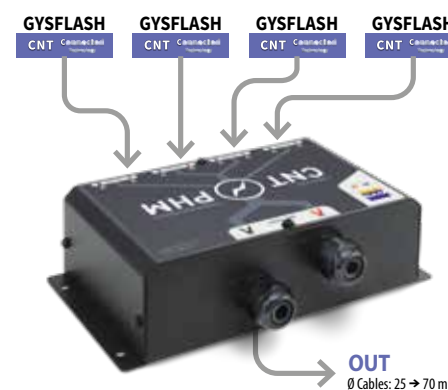
QWERTZ compatibility

**SCAN****USB Barcode
scanner**
1D/2D
027718USB direct
connection**OPTIONS**Support
Barcode scanner
025745**NEW** CNT-SCM
Smart Can Module**SMART COMMUNICATION****CNT-SUM**
Smart USB Module
025974

USB micro A

↓ 6.9 × 6.8 × 2.9 cm / ▲ 85g
☞ 28.5 × 11 × 11.5 cm / ▲ 380gIncluded
SMC Cable
1 m
056596Computer /
Diag System**CNT-SWM**
Smart Wireless Module
070837

Bluetooth LE

Wifi
COMING
SOON↓ 6.9 × 6.8 × 2.9 cm / ▲ 85g
☞ 27.6 × 9.6 × 9.6 cm / ▲ 440gIncluded
SMC Cable
1 m
056596**SMART HUB MODULE****CNT-SHM**
Smart Hub Module
025981↓ 22 × 18 × 4.5 cm / ▲ 1 kg
☞ 16.4 × 13.4 × 24 cm / ▲ 1.7 kgIncluded
SMC Cable
1 m
056596**UP TO 4 MODULES + 4 GYSFLASH****POWER HUB MODULE****CNT-PHM**
Power Hub Module
056589↓ 31.7 × 24.5 × 9 cm / ▲ 2.7 kg
☞ 32 × 29 × 13.5 cm / ▲ 3.2 kgIncluded
M6 KIT**4 GYSFLASH IN**
Ø Cables: 10 → 25 mm²**OUT**
Ø Cables: 25 → 70 mm²**ANDERSON CABLES**

Anderson / Clamps	for GYSFLASH	
	32.12 PL / 30.12 50.12 / 51.12 / 30.24 50.24 / 53.24 / 25.48 51.48 / 53.48	100.12 101.12 102.12 103.12
2.5 m - 10 mm² 085800	✓	—
2.5 m - 16 mm² 056503		
5 m - 16 mm² 054615	✓	✓
8 m - 16 mm² 056572		
Anderson / NATO	✓	✓
5 m - 16 mm² 026810		
Anderson / Rema 160 A	✓	✓
5 m - 16 mm² 069091		
Anderson / Anderson 175 A	✓	✓
5 m - 16 mm² 069107		
Anderson / Texas	✓	✓
0.2 m - 16 mm² 055902		
1 m - 16 mm² 028791		

TEXAS CABLES

Texas / Clamps	for GYSFLASH	
	121.12 / 123.12 / 125.12 / 101.24 03.24 / 107.24	
2.5 m - 25 mm² 028876	✓	
5 m - 25 mm² 027886		
Texas / Rema 160 A	✓	
5 m - 25 mm² 025714		
Texas / Anderson 175 A	✓	
5 m - 25 mm² 025721		
Texas / NATO	✓	
5 m - 25 mm² 025707		
10 m - 25 mm² 056626		

PARALLEL CABLES KIT 072954Anderson/Cable lugs
M6 x2
16 mm² - 1 mCable lugs/Cable
lugs M6 x2
(1 red + 1 black)
35 mm² - 5 mTexas/Cable
lugs M6 x2
25 mm²
1 m**M6 KIT**
Ø16 (x4)
Ø25 (x4)
Ø35 (x4)SMC Cable
1 m**INTERNAL FUSES****40 A**
for GYSFLASH 30
054646

x2

**125 A**
for GYSFLASH 100, 101, 102
054585

x2

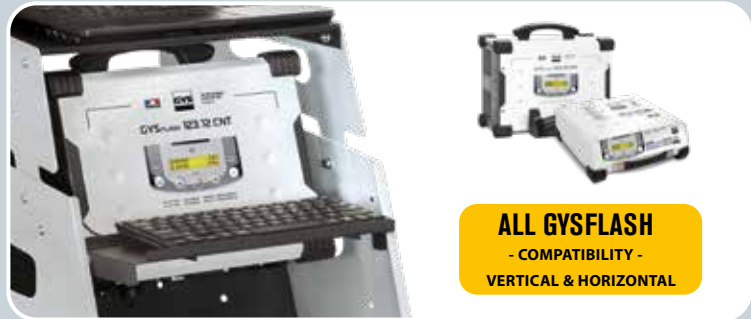
150 A
for GYSFLASH 121, 123, 103
027930**EXTERNAL FUSES****6.3 A**
GYSFLASH 30
054578

x5

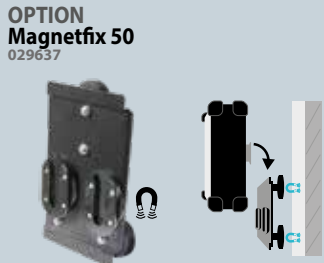
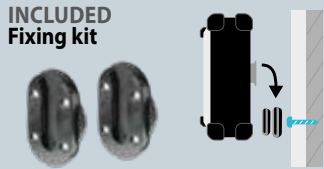
**10 A**
GYSFLASH 40, 50, 100, 101, 102
056527**CONNECTORS****NATO**
026780**DIN14690**
028784

CHARGERS

SUPPORTS



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



Battery charging rack
Rack de charge
Ladeständer
079595



GYSFLASH CNT PACKS

101.12 CNT 026988	121.12 CNT 026971	101.24 CNT 025967	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	BSU Flash Plus 085510	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954	SMC Cable (1m) 056596

SINGLE GYSFLASH												
pack GYSFLASH CNT 1 068117	✓	—	—	✓	✓	✓QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	—	✓	✓	✓AZERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	—	✓	✓	✓QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	—	✓	✓	✓AZERTY	✓	—	—	—	—	—
DOUBLE GYSFLASH												
pack GYSFLASH CNT 5 072978	✓ x2	—	—	✓	✓	✓AZERTY	✓	—	✓	✓	✓	—
pack GYSFLASH CNT 6 074972	✓ x2	—	—	✓	✓	✓QWERTY	✓	—	✓	✓	✓	—
pack EQUILIBRAGE 1 085534	✓ x2	—	—	—	—	—	—	—	✓	—	—	✓
pack EQUILIBRAGE 2 085541	✓ x2	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 3 085558	—	—	✓ x2	—	—	—	—	—	✓	—	—	✓
pack EQUILIBRAGE 4 085565	—	—	✓ x2	—	—	—	—	✓	—	—	—	✓
WITHOUT GYSFLASH												
pack Parallel Charging 072961	—	—	—	—	—	—	—	—	✓	✓	✓	—
pack GYSFLASH PRO 1 079908	—	—	—	✓	✓	✓AZERTY	✓	—	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	—	✓	✓	✓QWERTY	✓	—	✓	✓	—	—



CHARGERS



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



"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.

INCLUDED

all ARTIC



ARTIC

IP 65

**WATER
PROTECTION**

ARTIC 1500, 4000 & 8000

CHARGERS ONLY



AUTOMATIC SMART HF INVERTER



ARTIC 800

12V 0.8A GO > 7 V



029569

0295682



ARTIC 1500

12V 1.5A GO > 7 V



029576



ARTIC 4000

6/12V 4/1-4A GO > 2 V (6V)
GO > 7 V (12V)



029583

029705



ARTIC 8000

2/8A 12V GO > 7 V



029590

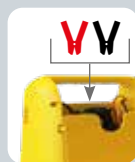
029712



ENERGY



PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



12V • TRADITIONAL

W

ENERGY 124

3A



023215



ENERGY 126

4A



023222

025165



TCB



PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



2 IN 1

CHARGE



TEST

12V • AUTOMATIC

WU

TCB 60

2/4A GO > 3.5 V



023253



TCB 90

2/5.5A GO > 3.5 V



023260



TCB 120

3.5/7A GO > 3.5 V



023284

025240



RECOMMENDATION

Maintenance

	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
ARTIC 800					1.6 > 25 Ah	1.6 Ah >			> 80 Ah							
ARTIC 1500						3 Ah >		> 40 Ah	3 Ah > 100 Ah							
ARTIC 4000						2 Ah >		> 70 Ah	2 Ah > 130 Ah							
ARTIC 8000						4 Ah >			> 160 Ah	4 Ah > 240 Ah						
ENERGY 124								10 > 45 Ah								
ENERGY 126								15 > 60 Ah								
TCB 60						10 Ah >		> 60 Ah								
TCB 90								15 > 90 Ah								
TCB 120									20 > 120 Ah							

39

ARTIC / ENERGY / TCB

CHARGERS

38

BATIAM

CHARGERS

AUTOMATIC, SMART & FAST

SSM

SELF START MEMORY

V

AUTO DETECT

BATTERY VOLTAGE DETECTION

START STOP

ALL BATTERIES

Microprocessor Control

FULL PROTECTION

On-board electronics

Over voltage

Reverse polarity

No sparks

BATIAM 7.12

ELECTRONIC BATTERY CHARGER

AUTOMATIC REGULATION INHIBIT

6/12V 15.130Ah

GO > 2 V

SSM

START STOP

V

AUTO DETECT

1.5 m - 1.5 mm² ➤ 40 A

024496

SOS : 024557

BATIAM 15.12

ELECTRONIC BATTERY CHARGER

AUTOMATIC REGULATION INHIBIT

6/12V 35.225Ah

GO > 0.5V

SSM

START STOP

V

AUTO DETECT

MODE SOS RECOVERY

1.5 m - 2.5 mm² ➤ 40 A

024519

SOS : 024632

6/12V

IWUoU

BATIAM 7.24

ELECTRONIC BATTERY CHARGER

AUTOMATIC REGULATION INHIBIT

6/12/24V 15.130Ah

GO > 2 V

SSM

START STOP

V

AUTO DETECT

1.5 m - 1.5 mm² ➤ 40 A

024502

BATIAM 15.24

ELECTRONIC BATTERY CHARGER

AUTOMATIC REGULATION INHIBIT

6/12/24V 35.225Ah

GO > 0.5V

SSM

START STOP

V

AUTO DETECT

MODE SOS RECOVERY

1.5 m - 2.5 mm² ➤ 40 A

024526

SOS : 024588

6/12/24V

IWUoU

I REGULATED FAST CHARGE

TRACTION BATTERY CHARGING

TEST

BATIAM 25.24 X

ELECTRONIC BATTERY CHARGER

AUTOMATIC REGULATION INHIBIT

6/12/24V 35.350Ah

GO > 0.5V

SSM

START STOP

V

AUTO DETECT

MODE SOS RECOVERY

2 m - 6 mm² ➤ 60 A

024830

6/12/24V

I REGULATED IWoU FAST CHARGE

IWoU Specific charge Traction batteries

	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
i RECOMMENDATION																
BATIAM 7.12	•	•														
BATIAM 7.24	•	•	•													
BATIAM 15.12	•	•														
BATIAM 15.24	•	•	•													
BATIAM 25.24 X	•	•	•													

MADE IN FRANCE	50 / 60 Hz		CHARGE										MODE SOS RECOVERY				
					RMS / Efficace	Average / Moyen (EN 60335)											
						Reg 1	Reg 2	Reg 3	boost								
BATIAM 7.12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	13.5 × 36 × 21 / 4.6	4.6 kg	—				
BATIAM 15.12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 × 21.2 × 14 / 5.7	5.6 kg	•				
BATIAM 7.24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	34.8 × 21 × 14.1 / 5.4	5.4 kg	—				
BATIAM 15.24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 × 21 x 14.3 / 7.1	7.1 kg	•				
BATIAM 25.24X	230V	1 150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	42 × 28 × 24.5 / 13.5	13.4 kg	•				

BATIAM

CHARGERS

43

42



MULTICHARGE STATION

CHARGERS
MULTICHARGE STATION



FULL
PROTECTION



Reverse polarity



Over voltage



No sparks

12V

DHC 54E

4×5 A

Liquid-Gel

025097

35 × 19 × 7.5 cm / 2.5 kg

NEW
01/2025



6/12V

I REGULATED
IUoU
FAST CHARGE

MULTICHARGE STATION

4×10 A

Pb-Li



083578

34.5 × 38 × 31.5 cm / 6.3 kg



CONNECTOR OPTIONS

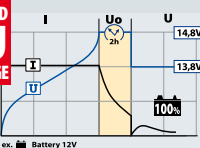
SAE compatibility
more p.16



REPAIR MODE

RECOVERY OF
SULFATED BATTERIES

I REGULATED
IUoU
FAST CHARGE



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
DHC 54E		•			10 > 100 Ah			10 > 100 Ah								
MULTICHARGE STATION	•	•		8 > 250 Ah				8 > 250 Ah								



INVEST IN THE FUTURE



STARTERS
& CHARGERS

12 - 24 V

TRADITIONAL

START	44
NEOSTART	45

AUTOMATIC

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

BATTERY SUPPORT UNIT

DIAG-STARTIUM	47
---------------	----



STARTUP

STARTERS & CHARGERS AUTOMATIC **W2**

SSM SELF START MEMORY



12 V

STARTUP 80

17 A

SSM

024922
025127



START / NEOSTART

STARTERS & CHARGERS TRADITIONAL **W**

SSM SELF START MEMORY



12V

12/24V

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



12/24V

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



Fuse
x2



50 A
Start 200
054622
80 A
Start 300
054653



150 A
Neostart 320
054639
200 A
Neostart 420, 620
054547

DESIGN
GYS FRANCE

MADE IN
GYS CHINA

	I ₁				CHARGE 								START 					
			CHARGE kW	START kW		RMS / Efficace	Average / Moyen (EN 60335)	Boost	Automatic	Manual		min : max	1 V/C	0 V/C				
50 / 60 Hz																		
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	
230V	13 A	12V	0,39	1,4	3	15-25 A	11 A	18 A	—	•	53 > 240 Ah	80 A	120 A	—	50 A	35 x 24 x 15 / 7,6	37 x 27 x 18 / 8	
230V	13 A	12V	0,8	3,6	3	13-36 A	10 A	23 A	—	•	42 > 300 Ah	100 A	165 A	—	80 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			38 > 224 Ah							
230V	13 A	12 / 24V	0,8	6,5	3	40 A	10 A 9 A	40 A 30 A	—	•	20 > 700 Ah	160 A	270 A	—	150 A	41 x 30 x 21 / 13	41 x 35 x 24 / 14,7	
230V	16 A	12 / 24V	1,7	9	3	70 A	20 A	40 A	—	•	20 > 1000 Ah	250 A	420 A	—	200 A	48 x 30 x 23 / 18	52 x 34 x 31 / 21	
230V	16 A	12 / 24V	2	10	3	90 A	30 A	60 A	—	•	20 > 1350 Ah	330 A	620 A	—	200 A	31,5 x 23 x 44,5 / 23,7	21 x 33,5 x 26,5 / 24	



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
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				



BOOSTERS

6 - 12 - 24 V

Pb inside

GYSPACK	52
STARTPACK	56
ENERGVSTATION	59

LITHIUM inside

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

SUPER CAPACITOR inside

STARTRONIC	64
GYSCAP	65

MEMORY SAVER

GYSPACK OBD / NOMAD OBD	66
-------------------------	----

BOOSTERS

Pb / LEAD

+



POWER SUPPLY
12V DC



INSIDE



12 V

18 Ah

INSIDE

HOBBIES
OCCASIONAL

PRO
INTENSIVE

GYSPACK 400



1 250 A

480 A
1V/Cell



0,6 m - 16 mm² ➔ 300 A

025455
🇬🇧 : 025516

GYSPACK AIR



1 250 A

480 A
1V/Cell



1,1 m - 25 mm² ➔ 500 A

026322

OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202



Fuse 7,5 A

CHARGER

⊕ Power in 110-240 V / out 12 V
50/60 Hz
054677
🇬🇧 : 054660



WU

FV FLEXIBLE
VOLTAGE

85 V — 265 V



		Après chaque utilisation After each use Nach jeder Anwendung		START 											
				Inside	1 V/Cell	0 V/Cell	Peak Battery								
GYSPACK 400				12V-18 Ah	12V	480 A	900 A	1250 A	—	—	—	—	•	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	•	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	—	—	—	—	•	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	•	•	—	—	•	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	—	•	36 x 11 x 45 / 13	39 x 22 x 51 / 14

COMPRESSOR



Air Kit
included
4 bars

i

12 V



= 6 C*

24 V



= 12 C*

*C = cells, cellules



12 V

22 Ah

INSIDE

HOBBIES
OCCASIONAL

PRO
INTENSIVE

GYSPACK 600



1 750 A

550 A
1V/Cell



0,6 m - 16 mm² ➔ 300 A

027336
🇬🇧 : 027497

GYSPACK PRO



1 750 A

600 A
1V/Cell



1,1 m - 25 mm² ➔ 500 A

026155
🇬🇧 : 025523



6 / 12 V

20 Ah

+

20 Ah

INSIDE

HOBBIES
OCCASIONAL

PRO
INTENSIVE

GYSPACK HERITAGE 6/12



6 V

3 200 A

400 A
1V/Cell

12 V

1 600 A

450 A
1V/Cell

1,8 m - 25 mm² ➔ 600 A

025844



CHARGER

⊕ Power in 110-240 V / out 12 V
50/60 Hz
054684
🇬🇧 : 054691



REGULATED
100V
FAST CHARGE

FV FLEXIBLE
VOLTAGE

85 V — 265 V



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

BOOSTERS

Pb/LEAD

INSIDE

POWER SUPPLY
12V DC



12 V

28 Ah

INSIDE

HOBBIES

OCCASIONAL

PRO

INTENSIVE

GYSPACK 660

1 900 A

640 A

1V/Cell

1.3 m - 25 mm²

600 A

027862

027992

027879

INCLUDED GYSPACK 660



CHARGER

Power in 100-240 V/out 12 V

50/60 Hz

027992

025929



REGULATED

100V

FAST CHARGE

FV

FLEXIBLE VOLTAGE

85 V

265 V

FOR GYSPACK 660/750/800/700/900

Fuse

x2

200 A

054547

300 A

054561



OPTION

MEMORY AUTO SAVE

CABLE OBD 1,5 m

054202



Fuse 7,5A



12 V

28 Ah

INSIDE

HOBBIES

OCCASIONAL

PRO

INTENSIVE

GYSPACK 750

2 500 A

750 A

1V/Cell

1.3 m - 25 mm²

600 A

026179

054684

026353

INCLUDED GYSPACK 750



CHARGER

Power in 110-240 V/out 12 V

50/60 Hz

054684

054691



REGULATED

100V

FAST CHARGE

FV

FLEXIBLE VOLTAGE

85 V

265 V



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE



12 V

28 Ah

INSIDE

HOBBIES

OCCASIONAL

PRO

INTENSIVE

GYSPACK PRO 800

2 500 A

700 A

1V/Cell

1.8 m - 25 mm²

600 A

068759

054684

072107

INCLUDED GYSPACK PRO 800



CHARGER

Power in 110-240 V/out 12 V

50/60 Hz

054684

054691



REGULATED

100V

FAST CHARGE

FV

FLEXIBLE VOLTAGE

85 V

265 V



12 V

16Ah

INSIDE

HOBBIES

OCCASIONAL

PRO

INTENSIVE

GYSPACK PRO 700

1 800 A

640 A

1V/Cell

1.4 m - 25 mm²

600 A

027077

1 096 701

INTEGRATED CHARGER

7 STEP

12 V

30Ah

INSIDE

HOBBIES

OCCASIONAL

PRO

INTENSIVE

GYSPACK PRO 900

3 100 A

830 A

1V/Cell

1.8 m - 35 mm²

600 A

027084

027954

1 096 701

INTEGRATED CHARGER

7 STEP

RECOMMENDATION	5 Ah															180 Ah															+	Ah
	6V	12V	24V																													
GYSPACK 660		•																														
GYSPACK 750		•																														
GYSPACK PRO 800		•																														
GYSPACK PRO 700		•																														
GYSPACK PRO 900		•																														



STARTPACK

BOOSTERS

Pb/LEAD

INSIDE

PRO

★★★



SMART STARTER MANAGEMENT SYSTEM

FULL PROTECTION

On-board electronics

Over voltage

Reverse polarity

No sparks

AUTO DETECT

Battery voltage detection

MICROPROCESSOR CONTROL

Microprocessor Control

TIMER ADJUSTABLE

TIMER Adjustable

EXIDE TECHNOLOGIES

HIGH QUALITY BATTERIES

SPIRAL TECHNOLOGY

INCLUDED

GYSFLASH XL 6.12

1.9 m

1.9 m

7 STEP

6 A - Advanced technology 8 step smart charge

12/24 V

50Ah SPIRAL

+

50Ah SPIRAL

INSIDE

HOBBIES OCCASIONAL

PRO +++ INTENSIVE

STARTPACK PRO 12.24 XL

12V

8 500 A

1600 A 1V/Cell

24 V

★★★

4 250 A

1400 A 1V/Cell

2 m - 70 mm²

1000 A

026711

	Inside	START				CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg
		12 V	1 V/Cell	0 V/Cell	Peak Battery	min	max		ON OFF	Fuse			
STARTPACK PRO 12.24 XL	2x 50 Ah	12 V 24 V	1 600 A 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
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

ENERGY STATION

Integrated charger

Autonomous booster

Start 12V engines with 2 x 12V batteries

Add additional power with a 3rd battery

Charge external batteries 12V only

Recommended ENERGY STATION FP : 2 x 120 > 170Ah

Batteries not provided - Batteries non fournies - Ohne Batterie geliefert

Parallel connection not included Connexion parallèle non incluse Parallelschaltung nicht enthalten

24V

12V

FULL PROTECTION

On-board electronics

Over voltage

No sparks

Reverse polarity

ENERGY STATION FP

12V / 24V

GYS

INTEGRATED CHARGER

6 STEP

12/24 V

HOBBIES OCCASIONAL

PRO INTENSIVE +++

ENERGY STATION FP

069589

INTEGRATED CHARGER

6 STEP

RECOMMENDATION	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															• 250 Ah
ENERGY STATION FP															• 35 > 375 Ah

GYS

59

STARTPACK / ENERGYSTATION

BOOSTERS • Pb/LEAD INSIDE

SELECT THE RIGHT BOOSTER
CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

6/12 V		12 V									12-24 V				
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	24V	24V	24V	24V	24V
	1V/Cell	400 (6 V)	480 A									750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)
	0V/Cell	450 (12 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)
	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)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
	3200 (6 V)	1250 A									3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	/
	1600 (12 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
	2 x 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah EnerSys	28 Ah	28 Ah	30 Ah EnerSys	2 x 22 Ah	2 x 16 Ah EnerSys	2 x 30 Ah EnerSys	2 x 50 Ah EXIDE TECHNOLOGIES	
	external 2 A	external 0,5 A	external 0,5 A	external 0,5 A	external 0,5 A	external 2 A	internal 2,5 A	external 2 A	external 2 A	internal 2,5 A	external 2 A	internal 4 A	internal 4 A	external 6 A	internal 30A
	IUoU	WU	WU	WU	WU	IUoU	7 step	IUoU	IUoU	7 step	IUoU	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				
	1,8 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	1,3 m ø25 mm²	1,4 m ø25 mm²	1,3 m ø25 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	2 m ø50 mm²	2 m ø70 mm²	2,5 m ø50 mm²
	37×20×46	26×10×29	33×17×37	26×10×29	35×14×37	35×19×40	33×15×32	35×19×40	31×19×35	33×15×32	37×20×46/ 37×20×57	34×18×46	63×39×30	112×35×43	70×65×91
	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 +



OFF
After each use
Après chaque utilisation
Nach jeder Anwendung

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

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 BIJTEN GEBRUIK
Laat de lader onafgebroken aangesloten.



NATO / OTAN : COMPATIBLE PRODUCTS
- Produits compatibles - Kompatible Produkte



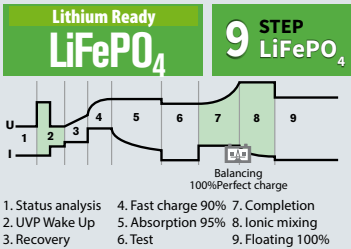
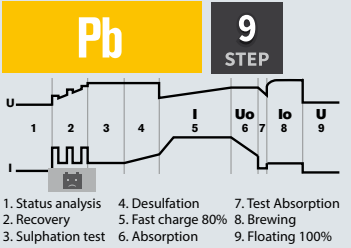
	GYSLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSLASH 101.24 CNT FV 121.12 CNT FV	GYSLASH 123.12 CNT FV 103.24 CNT FV 107.24 CNT FV	GYSLASH 53.48 CNT FV	GYSLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm² 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm² 025707	—	✓	✓	—	—	—	—
10 m - 25 mm² 056626	—	—	—	—	—	✓	—
Texas/NATO 3.5 m - 50 mm² 025653	—	—	—	—	—	—	—
Anderson/NATO 2 m - 50 mm² 026803	—	—	—	—	—	—	✓
3 m - 50 mm² 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm² 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



TRACTION BATTERIES : COMPATIBLE PRODUCTS
- Produits compatibles - Kompatible Produkte



		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	gel	—	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
		liquid	—	—	—	—	—	75 Ah	85 Ah	105 Ah	120 Ah	
	GYSFLASH 50.24 HF	liquid	—	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
		gel	—	—	—	—	—	260 Ah	290 Ah	340 Ah	400 Ah	
	GYSFLASH 51.12	liquid	130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
		gel	—	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	
	GYSFLASH 101.24	liquid	390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
		gel	—	—	400 Ah	450 Ah	500 Ah	560 Ah	610 Ah	670 Ah	720 Ah	
	GYSFLASH 103.24 GYSFLASH 107.24	liquid	490 Ah	580 Ah	680 Ah	790 Ah	900 Ah	1020 Ah	1160 Ah	1310 Ah	1500 Ah	100 A
		gel	—	—	500 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 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
gel			—	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	
GYSFLASH 51.48 GYSFLASH 53.48		liquid	260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	690 Ah	790 Ah	50 A
		gel	—	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah	



100 A		Cables Anderson 175A/Texas
100 A		Cables REMA 160A/Texas
15 A		Cables REMA 160A/Anderson
50 A		Cables Anderson 175A/Anderson
30 A		Cables Anderson 175A/Anderson

BOOSTERS

LITHIUM

INSIDE

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



-  START ENGINE
-  POWER BANK
- 
-  LIGHT



12 V

NOMAD POWER 300

350 A

0,28 m - 5,2 mm² ➔ AWG10

025875

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 500

550 A

0,4 m - 8,3 mm² ➔ AWG8

027145

 : 069633

ACCESSORIES

included for NOMAD POWER 500



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

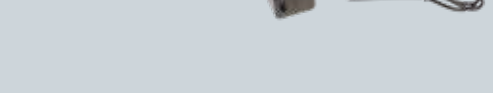
0,55 m - 13,3 mm² ➔ AWG6

027527

 : 028845

ACCESSORIES

included for NOMAD POWER 500



12 V

NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm² ➔ AWG4

025912



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



	LITHIUM		FULL CHARGE	START 			J (3s)	START PETROL & DIESEL 	 CABLE	 ADDITIONAL SAFETY	 INPUT	 MICRO USB	 OUTPUT	POWER BANK			 cm	 kg
	CAPACITY/CELL	TYPE		1V/Cell	0V/Cell	Peak Battery								 		OBD		
NP 300	2.5 Ah - 37 Wh	LiCoO2	5 h	350 A	700 A	900 A	8000 J	12 V	12 V 5V-2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	LiCoO2	5 h	500 A	1000 A	1200 A	11000 J	12 V	12 V 5V-2.1 A	•	5 V/2 A	—	5 V/9V/12V - 5 V/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	12 V	12 V 5V-2 A	•	5 V/2 A 9 V/2 A	—	5 V/1A - 5 V/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	12 V	—	•	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/2.4 A - 9 V/2 A 12 V/1.5 A - 15 V/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	12 V : 14000 J 24 V : 35000 J	12 V/24 V	—	• Integrated	9 V/2 A 12 V/1.5 A	5 V/2 A (Type C)	5 V/1 A - 5 V/2.1 A - 12 V/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	12 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/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	24 V	12 V/15 A 4 A	—	18 V/2 A	—	5 V/2.1 A - 12 V/3.5 A 12 V/10 A - 19 V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

 Recommendation																
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										Max capability ( minimum charge needed)					
NP PRO 12XL	5 > 180 Ah															
NP PRO 24XL													> 240 Ah			

BOOSTERS

SUPER

INSIDE

CAPACITOR

BATTERYLESS - SANS BATTERIE
- OHNE BATTERIE

EASY TO USE

1

ON

2

START

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

DC/DC CONVERTER INSIDE (>5V)

1

>5V

2

16 V

START

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



✓ SMART
✓ SAFE
✓ POWERFUL

HYBRID
TECHNOLOGY



✓ NO BATTERY INSIDE
✓ NO MAINTENANCE
✓ FAST TO USE



✓ BOOSTER SANS BATTERIE INTERNE
✓ AUCUNE MAINTENANCE
✓ RAPIDE D'UTILISATION



✓ KEINE INTERNE BATTERIE
✓ KEINE WARTUNG
✓ SCHNELL EINSETZBAR



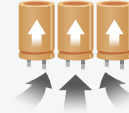
FULL PROTECTION



-40/+65°C



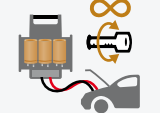
1 MILLION CYCLES



FAST CHARGE



NO SULFATION DURING STORAGE



UNLIMITED STARTS



NEW
08 2024

➕ Output USB
➕ Light

5×
800
F

INSIDE

12V

STARTRONIC 800

800 A

12 V

GO > 5 V

026735







5×
950
F

+

Lithium

INSIDE

STARTRONIC HYBRID 950

950 A

12 V

GO > 1 V

026117





10×
900
F

INSIDE

12V / 24 V

STARTRONIC SUPERCAP 12 / 24V

1050 A

12 V

GO > 7 V

880 A

24 V

GO > 7 V

082816



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

12 V

INCLUDED
STARTRONIC HYBRID 950
Lithium battery
027411

MADE
IN CHINA

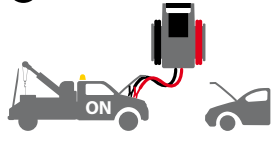
MADE
IN FRANCE

						⚡ INPUT CHARGE				🕒 Charging time										
	START 				Number of Capacitors	Integrated Inverter	 12 V		 12 V / 10 A				 5 V / 2 A				internal lithium battery	 LIGHT	 cm	 kg
	1V/Cell	0V/Cell	Peak battery				 OFF	 ON	 OFF	 ON	MICRO USB Type B									
STARTRONIC 800	800 A	1 400 A	—	12V	5 × 800 F	●	4 min	60 s	4 min	4 min			5 V/2 A	40 min	—	—	26,7 × 19,5 × 5	1,86		
STARTRONIC HYBRID 950	950 A	1 660 A	—	12V	5 × 950 F	●	4 min	60 s	4 min	4 min			5V/2 A	40 min	30 min	●	25 × 18,5 × 6	1,86		
STARTRONIC SUPERCAP 12/24V	1 050 A	1 800 A	—	12V	10 × 900 F	●	5 min	3 min	—	—			—	—	—	—	34 × 43 × 20	7		
	880 A	1 500 A		24V			2 min	2 min												
GYSCAP 680E 	1 600 A	2 700 A	9 000 A	12V	5 × 3000 F	●	—	1 min	10 min	10 min			—	—	—	—	35 × 44 × 19	8,2		
GYSCAP 24V 	2 500 A	4 500 A	10 000 A	24V	10 × 3000 F	●	—	1 min	30 min	30 min			—	—	—	—	32 × 49 × 21.5	12		

EASY & CONVENIENT

3 charging modes

1 INCLUDED



CLAMPS on running vehicle for Fast charge

GYSCAP 680E : 1 minute
GYSCAP 24 V : 1 minute

2 INCLUDED



CIGARETTE LIGHTER for Easy charge

GYSCAP 680E : 10 minutes
GYSCAP 24 V : 30 minutes

3 OPTION



GYFLASH 4.12 p.6 029422
F5 / Cigarette lighter p.16 029439

GYFLASH 4.12 for mains charge

GYSCAP 680E : 1 hour (max)
GYSCAP 24 V : 1 hour (max)



12V

5×
3000
F

INSIDE

GYSCAP 680E

1600 A

12 V

GO > 1 V

026773

1.7 m - 25 mm²
Cables 100% Cu







Homologations / Approvals / Zulassungen :
PSA17.1716



24V

10×
3000
F

INSIDE

GYSCAP 24V

2500 A

24 V

GO > 2 V

028944

2 m - 50 mm²
Cables 100% Cu

Recommendation																
	5 < 90 Ah															
STARTRONIC 800																
STARTRONIC HYBRID 950	5 < 100 Ah															
STARTRONIC SUPERCAP 12/24V									5 < 150 Ah							
GYSCAP 680 E									5 < 150 Ah							
GYSCAP 24V																225 Ah

MEMORY SAVER

SAUVEGARDE MÉMOIRE • SICHTUNG DES SPEICHERS

Traditional Pb battery INSIDE



GYSPACK OBD
054998
055001



MEMORY SAVER		 25 × 18 × 25 cm	 3 kg
 Pb 12V - 7 Ah	 OBD < 4 A		



Lithium battery INSIDE

NOMAD OBD
MEMORY SAVER **NEW** 10 2024
085480

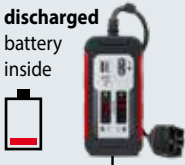


MEMORY SAVER		 14.5 × 7.2 × 3.5 cm	 515 g
 Li-ion 12VCC - 2 Ah	 OBD < 4 A		



Ultra light & Compact
FULL PROTECTION

2 possibilities



Clamps

Connected to booster

CABLE OBD
- Câble OBD - Kabel für OBD
054202



BATTERY TESTERS POWER INVERTERS PORTABLE ENERGY

TRADITIONAL TESTERS	68
CONNECTED TESTERS	68
DIGITAL TESTERS	68
TESTERS WITH PRINTERS	70

POWER INVERTERS	72
PORTABLE ENERGY	74



TBP



BT



BT

TESTERS TRADITIONAL



TBP 100

6/12 V 20 > 100 Ah

055131

TBP 500

12 V 10 > 160 Ah

055148

TESTERS CONNECTED



×13
Languages
Sprachen

BTW 6V/12V

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V
077355

TESTERS DIGITAL



BT 001

12 V 7 > 230 Ah

056640



NBT 100

12 V 20 > 150 Ah

024151

NBT 200

12 V 20 > 150 Ah

ALTERNATOR 12 V
024168

×1
Languages
Sprachen



DBT 300

12 V 4 > 150 Ah

ALTERNATOR 12 V
024175

×10
Languages
Sprachen



DBT 350

12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V
025868

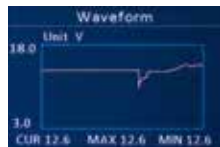
Color screen
for DBT 410 / DBT 500 / DBT 710 / PBT 720

• Complete analysis



• Historical data

• Graphical data analysis
Waveform function
for DBT 500, DBT 710, PBT 720



• Download app & Print



×12
Languages
Sprachen



DBT 500

6/12 V 7 > 240 Ah

ALTERNATOR 6/12 V
079823

×8
Languages
Sprachen

NEW
08 2024



DBT 410

6/12 V 7 > 240 Ah

ALTERNATOR 6/12 V
083233

×12
Languages
Sprachen

NEW
08 2024



DBT 710

6/12 V 7 > 240 Ah

ALTERNATOR 6/12/24 V
083585

				TEST		PRINT PAPER	DIGITAL	RESULT		TEMPERATURE COMPENSATION		kg	cm	L x W x H cm / kg
				BATTERY A	BATTERY V									
IN CHINA	TBP 100	6-12 V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	—	1.5	16x1.8x30	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
	BT 001	12 V	7 > 230 Ah	—	•	12 V	—	LED	1s	instant	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29
IN TAIWAN	NBT 100	12 V	20 > 150 Ah	•	min 7 V	—	—	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
	NBT 200	12 V	20 > 150 Ah	•	min 7 V	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 8 V	12 V	—	back-lit /rétro-éclairé	1s	instant	•	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35
MADE IN CHINA	DBT 410	6-12 V	7 > 240 Ah	•	min 5 V	6 / 12 V	—	color screen 2.4"	1s	instant	•	0.24	8x1.8x13.4	4.2x8.5x15
	DBT 500	6-12 V	7 > 240 Ah	•	min 5 V	6 / 12 V	—	color screen 2.4"	1s	instant	•	0.3	8x2x14	5x18.5x18.5 / 0.44
	DBT 710	6-12 V	7 > 240 Ah	•	min 3 V	12 / 24 V	—	color screen 3.2"	1s	instant	•	0.9	10x3.5x20.5	10x18.4x25.3

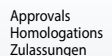
 Recommendation	TEST												CURRENT CCA SAE
	Battery/Batteries /Ladegeräte	Alternator Circuit/ Circuit alternateur/ Lichtmaschinen Schaltkreis	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL							
TBP 100			12 V	•	—	—	—	20, 100 Ah				—	
TBP 500			12 V	•	—	—	—		10, 160 Ah			0 > 1000 A	
BTW 6V/12V			12 V	•	•	•	•	7, 240 Ah				10 > 2000 A	
BT 001			12 V	•	•	•	•	7, 230 Ah	7, 230 Ah			—	
NBT 100		—	—	•	—	—	—		20, 150 Ah			200 > 1200 A	
NBT 200			12 V	•	—	—	—		20, 150 Ah			200 > 1200 A	
DBT 300			12 V	•	—	•	•	4, 150 Ah	4, 150 Ah			40 > 1200 A	
DBT 350			12-24 V	•	•	•	•	7, 240 Ah	7, 240 Ah			40 > 2000 A	
DBT 410			6-12 V	•	•	•	•					10 > 2000 A	
DBT 500			6-12 V	•	•	•	•	7, 240 Ah				100 > 2000 A	
DBT 710			6-12-24 V	•	•	•	•	7, 240 Ah				—	

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	JP	IN
DBT 300													
DBT 350													
DBT 410													
DBT 500													
DBT 710													
PBT 550													
PBT 600													
PBT 720													
PBT 812													
PBT 824													
BTW 6V/12V													

TBP / BT

TESTERS • DIGITAL

**PRINTER • 12 V**

PRINTER • 6/12 V



PRINTER • 6/12/24 V (2x12)



						
	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
	056633	x2	57 mm	7.5 m	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 720 / PBT 812 / PBT 824 / SPM



				TEST				DIGITAL							
				A	V	CHARGE & START SYSTEM VEHICLE									PRINT PAPER
MADE IN CHINA	PBT 550	12 V	30 > 220 Ah	•	min 6 V	12 V	•	back-lit/rétro-éclairé	1s	instant	•	—	0.55	55 × 25	29 × 23 × 9 / 0.9
	PBT 600	12 V	30 > 220 Ah	•	min 8 V	12 / 24 V	•	back-lit/rétro-éclairé	1s	instant	•	—	1.1	55 × 25	29 × 23 × 9.5 / 1.3
MADE IN CHINA	PBT 700	12 V	7 > 240 Ah	•	min 8 V	12/24 V	•	back-lit/rétro-éclairé	1s	instant	•	—	0.7	23,5 × 10.2 × 6.8	40.5 × 28 × 9 / 1.9
	PBT 720	6-12V	7 > 240 Ah	•	min 3 V	6/12/24 V	•	colour screen 3.2"	1s	instant	•	2x 3.7 V - 2 A lithium-ion polymer batteries	0.9	26 × 10.5 × 5	27.2 × 36.4 × 9.3 / 2
	PBT 812	6-12V	7 > 240 Ah	•	min 1.5V	12 V	•	colour TFT display 2.8"	1s	instant	•	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 × 14 × 7.5	34 × 47 × 11.5 / 3.1
	PBT 824	6-12-24 (2x12)V	7 > 240 Ah	•	min 1.5V	12/24 V	•	back-lit 4 colours /rétro-éclairé	1s	instant	•	6 x 1.5V LR6-AA	0.7	25 × 4.5 × 13	40 × 28 × 9 / 2.3

	TEST			 PRINT PAPER											CURRENT CCA SAE	
	Battery/Batteries/ Ladegeräte	Alternator Circuit/ Circuit alternateur/ Lichtmaschine Schaltkreis			LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL								
Recommendation																
PBT 550		 12V	•	•	•	•	•			30 > 220 Ah				100 > 2000 A		
PBT 600		 12-24V	•	•	•	•	•			7 > 240 Ah				100 > 2000 A		
PBT 700		 12-24V	•	•	•	•	•	7 > 240 Ah		7 > 240 Ah				40 > 2000 A		
PBT 720		 6-12-24V	•	•	•	•	•	7 > 240 Ah					10 > 2000 A			
PBT 812		 12V	•	•	•	•	•	7 > 240 Ah					25 > 3000 A			
PBT 824	 (2X12)	 12-24V	•	•	•	•	•	7 > 240 Ah					40 > 2000 A			



CONVERGYS / PSW / MSW

POWER INVERTERS

12/24 V DC > 230 V AC



PSW REMOTE CONTROL

For 601W-12



6 m

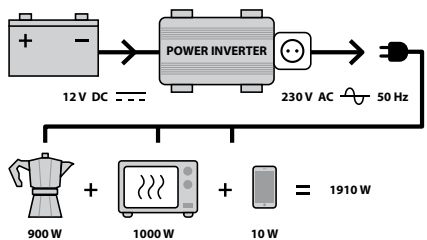
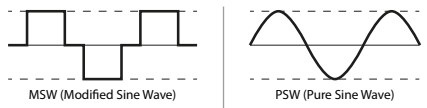
For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24



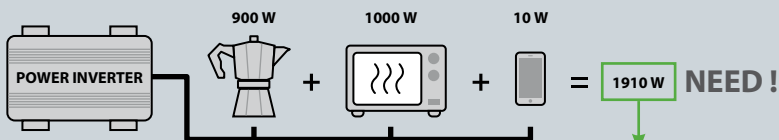
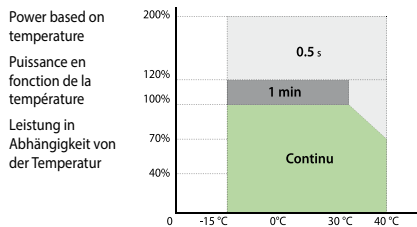
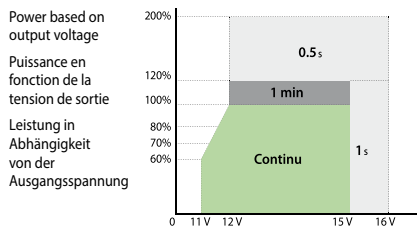
6 m

Input = 888 V
Output = 888 W

MSW / PSW TECHNOLOGY



- Under-voltage / Over-voltage / Overload / Overheating / Output short-circuit
- Tension faible / Sur-tension / 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	70 Ah	200 Ah
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 - 1 h 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	1.5 mm²	2.5 mm²	Universal	5 m	2.2 kg	26.5 × 17 × 7.5	31 × 22 × 12 / 2.3
CONVERGYS 150	150W	300W	—	90.5 %	12V	230V	5V · 2 A	•	—	1.5 mm²	•	—	0,5 kg	N/A	8 × 16.5 × 24.7 / 0.45
CONVERGYS 300	300W	600W	—	85 %	12V	230V	5V · 2 A	•	•	2.5 mm²	•	—	0,95 kg	N/A	21.3 × 20 × 6.8 / 0.95
PSW 601W RC-12	600W	1200W	•	90 %	12V	230V	5V · 2 A	—	cables	6 mm²	•	•	2,2 kg	26.5 × 17 × 7.5	31 × 22 × 12 / 2.3
PSW 1002W RC-12	1000W	2000W	•	90 %	12V	230V	5V · 2 A	—	cables	10 mm²	•	•	4,7 kg	37.5 × 21 × 10	44 × 27 × 16 / 4.5
PSW 1502W RC-12	1500W	3000W	•	90 %	12V	230V	5V · 2 A	—	cables	16 mm²	•	•	5 kg	37.5 × 21 × 10	44 × 27 × 16 / 4.6
PSW 2002W RC-12	2000W	4000W	•	90 %	12V	230V	5V · 2 A	—	cables	22 mm²	•	•	6,25 kg	38.5 × 25 × 10	43 × 32 × 16.5 / 5.7
MSW 82000	2000W	4000W	—	80 %	24V	230V	5V · 2 A	—	cables	12 mm²	•	•	5,8 kg	35 × 20 × 28	45.3 × 26.8 × 16.1 / 4.9
PSW 2002W RC-24	2000W	4000W	•	90 %	24V	230V	5V · 2 A	—	cables	12 mm²	•	•	6,25 kg	38.5 × 25 × 10	43 × 32 × 16.5 / 5.7

12 V CONVERGYS

CONVERGYS 150
027022



CONVERGYS 300
027053
027046



12 V PSW PURE SINE WAVE

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 MODIFIED SINE WAVE



MSW 82000

027237
027244

24 V PSW PURE SINE WAVE



PSW
2002W RC-24

067417
067424

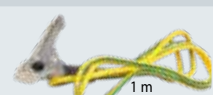
INCLUDED
FOR ALL



48 cm



48 cm



1 m



POWER PACK

PORTABLE ENERGY

DC/AC



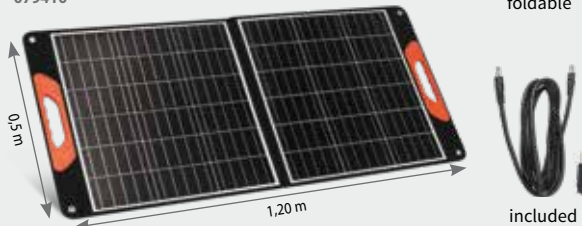
Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection,
Over-load protection,
Temperature protection

MPPT integrated

Solar panel compatibility

OPTIONS

Solar panel for Power pack 520, 1300, 14.22, Energys DC/DC
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
079410



POWER PACK 520

518 Wh

20 Ah

027961

POWER PACK 1300

1280 Wh

50 Ah

071988

NEW 10 2024



POWER PACK 14.22

1408 Wh

55 Ah

085206

NEW 10 2024



POWER PACK 14.15 FC

1408 Wh

55 Ah

085169

OPTIONS

Solar panel for Power pack 14.15 FC
079403
monocrystalline - ETFE quality
48V - 220 W max
OUTPUT : MC4



Power batt 14 External battery
for Power pack 14.15 FC
085213

1408 Wh - LiFePO4
↓ 42 × 30 × 25.5 cm / ⬆ 12.8 kg



1408 Wh + 1408 Wh = 2816 Wh
Using time (x2)

included

FAST CHARGE
100% in 60min

	LITHIUM		BOOSTER		Nb cycles			RECHARGING TIME		 OUTPUT								EXTERNAL BATTERY						
	CAPACITY	TYPE	12V Petrol & Diesel	I 1v/Cell Peak battery				MAINS 0-100 %	SOLAR PANEL 0-100 % (depending on weather conditions)			 USB												
										POWER OUT	230 V / 50 Hz	TYPE C		Quick Charge	Dual									
POWER PACK 520	518 Wh	LiPo	—	—	—	1000	Pure Sine Wave	12-30V 80W max	8 h 30	8 h 30 - 11 h 30	500 W	Type C / E / F / G / I	(x1) 5V/3A - 9V/3A - 12V/3A 15V/3A - 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x2) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	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	LFP	•	500 A	1000 A	2000	Pure Sine Wave	12-30V 200W max	7 h	12 h - 14 h	1000 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	1 x LED	17.5	36 x 27 x 28	45 x 39 x 39 / 20.6	
POWER PACK 14.22	1408 Wh	LFP	•	500 A	1000 A	2000	Pure Sine Wave	12-30V 200W max	8 h	13 h - 15 h	2200 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	—	1 x LED	17.1	36 x 27 x 28	—	
POWER PACK 14.15 FC	1408 Wh	LFP	•	500 A	1000 A	2000	Pure Sine Wave	30-60V 400W max	1 h	6 h - 8 h	1500 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	•	1 x LED	19.3	36 x 27 x 28	43 x 36.5 x 33.5 / 22	

RECOMMENDATION	Game	Smartphone	Headset	Laptop	Monitor	Tablet	Refrigerator	Drill	Saw	Hammer	Wrench	Router	Planer	Sander	Grinder	Angle grinder	Blow dryer	Washing machine	Dishwasher	Freezer	Stove	Boiler
POWER PACK 520	•	•	•	•	•	•	•															
POWER PACK 1300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
POWER PACK 14.22	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 14.15 FC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



75

POWER PACK

PORTABLE ENERGY



JUMPER CABLES EV CABLES ACCESSORIES

JUMPER CABLES	78
EV CHARGING	79
ACCESSORIES	80
BATTERY LIFT	81

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



DIN 72553		ESSENCE BENZINE PETROL	DIESEL			TYPE
027695		350 A	5,5l	3l	3,5m	25 mm ² ≈ Ø Cu

TYPE	Ø	%I
CCA		
≈ Cu		
100% Cu		

PRO BRASS CLAMPS

BRASS CLAMPS, NON-INSULATED - Pincas laiton, non isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati



				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)

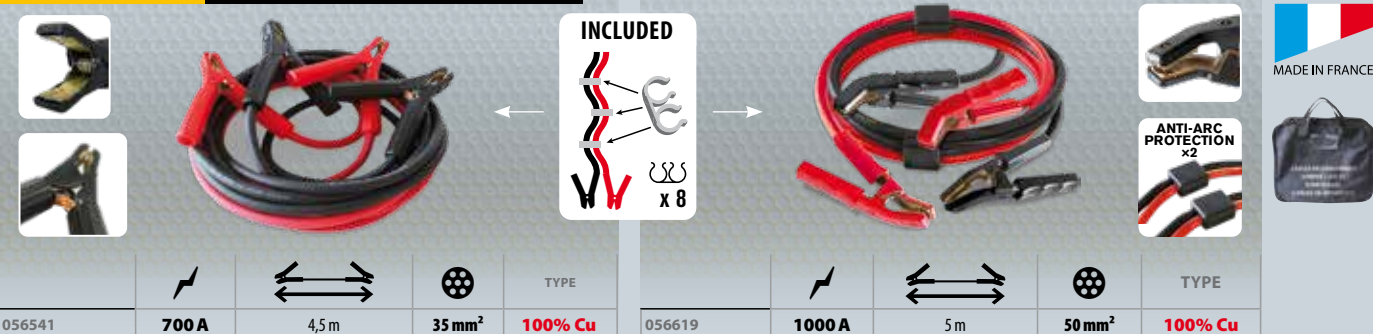
PRO INSULATED CLAMPS

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



		ESSENCE BENZINE PETROL	DIESEL			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	3l	3,5 m	25 mm ²	≈ Ø Cu	•
056343	700 A	7l	4l	4,5 m	35 mm ²	≈ Ø Cu	•
056558	1000 A	7l	4l	4,5 m	INCLUDED	50 mm ²	(100% Cu) —

SUPER PRO INSULATED CLAMPS



				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

6 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

IP 65

23 × 16 × 9 cm
46 × 20.5 × 38 cm / 6 kg



SUPER PRO SMART EV CHARGE

6 → 32A 1ph / 3ph

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

	IP	U ₁	I ₁	P				
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	—	•		Type 2

OPTION

21 × 43 × 57 cm
060432

IP67



ACCESSORIES



Current clamp
- Pince
ampèremétrique
- Strommesszange

400 A
053991
600 A
053984

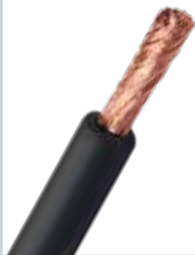
CABLES EN 60245-6/H01N2-D
(Rubber - Caoutchouc)

EN 60974-9



		↔ L		A (60%)	A (35%)
16 mm²		100 m	046252	121	131
		⊗ x m	046207		
		5 m	045408		
25 mm²		100 m	046603	165	185
		⊗ x m	046306		
		100 m	046702		
35 mm²		100 m	046405	211	243
		⊗ x m	046801		
		100 m	046757		
50 mm²		⊗ x m	046832	351	419
		⊗ x m	046863		
95 mm²		⊗ x m	046863	433	527

HIGH FLEXIBILITY
ELECTRICAL CABLES



		↔ L		A (60%)	A (35%)
10 mm²		100 m	054882	88	92
		20 m	056107		
16 mm²		100 m	054905	120	130
		20 m	056121		
25 mm²		100 m	054929	164	184
		20 m	056145		
35 mm²		100 m	054943	210	240
		100 m	054967		
50 mm²		100 m	054967	273	320
70 mm²		50 m	—	310	380

CLAMPS - Pincas • Klemmen • Pinzas • 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 mm²	10 mm²	16 mm²	16 mm²	25 mm²	35 mm²	25 mm²	25 mm²	35 mm²	70 mm²	50 mm²	95 mm²
			Compact 									
	●● (x2) 053106	● 055537	●● (x2) 071896 071889 071872	●● (x2) 053502 053403 053700 053601 053779 053786	●● (x2) 055551 055544	●● (x2) 025783 025776	●● (x2) 053816 053793 025769 025752	●● (x2) 038059	●● (x2) 038066	●● (x2) 038059	●● (x2) 038066	●● (x2) 038066

BATTERY TERMINAL • Cosses batterie • Polklemmen • Terminales batería • 电池端子

	⊗ ø 10 mm / 35 mm²	⊗ ø 13 mm / 50 mm²	⊗ ø 16 mm / 70 mm²
⊕ & ⊖ 054400	⊕ x25 054431 ⊖ x25 054448	x25 054332 x25 054349	x25 054417 x25 054356 x25 054370 x25 054424 x25 054363 x25 054387

CABLE LUGS • Cosses • Terminal Kabelschuhe • Kabelschuhe

	16 mm² M10 ×10 038219		75 mm² M16 ×10 038257		25 mm² M5 ×100 047525		10 mm² M16 ×100 047501
	25 mm² M10 ×10 038226				35 mm² M6 ×100 047532		16 mm² M15 ×100 047518
	35 mm² M14 ×10 038233		125 mm² M15 ×5 038264		50 mm² M10 ×100 047549		70 mm² M10 ×100 047556
	50 mm² M14 ×10 038240						95 mm² M10 ×50 047570

DINSE CONNECTORS • Connecteurs Texas • Stecker • Conectores

		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	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	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

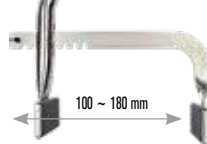
FUSES • Fusibles • Sicherungen • Fusibles • 保险丝

	x5		x10		Ø10 mm		x2		x2		x2		x2
6.3 A 054578 10 A 056527		10 A 054530 15 A 054493 20 A 054509 25 A 054516 30 A 054523 40 A 054554			80 mm	100 A 054486	100 A 054394	M5	M6	200 A 054547 250 A 055568 300 A 054561	M10	M5	M6
								30 mm	30 mm	60 mm		30 mm	30 mm
												40 A 054646 50 A 054622 80 A 054653 125 A 054585 150 A 054639	40 A 071599

Anti-arc protection
041318



Adjustable battery
carrier
058354



Acidimeter (PH Meter)
054103



SOLAR POWERED CHARGER WITH ACCESSORIES

• Kit solaire de maintien de charge avec accessoires • Solarpanel zur Ladeerhaltung mit Zubehör • Kit solar de mantenimiento de carga



BATTERY LIFT

DIABLE JOBSITE XL
039568

↓ 18.3 kg ⊗ 66 x 47 x 20 cm / 19.5 kg



MULTITOOL TRUCK
max 200 kg

067158

↓ 90 kg
⊗ 123 x 79 x 39 cm / 95 kg

INCLUDED



for battery



for brake caliper



for wheels



HAND LAMPS - Lampes baladeuses - Handleuchte

TRIPOD HAND LAMP 250 L

100-250 lumens (x3)

3 x 1 W COB LED
3.7 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



PORTABLE LAMP 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



PORTABLE LAMP 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: 4.5h
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

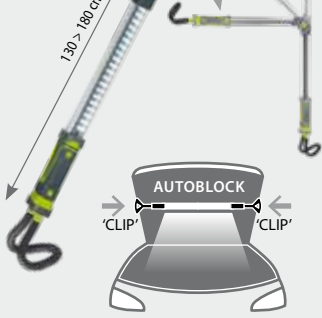
UNDER BONNET LAMP 600 L

500-1000 lumens

120 COB LED
3.7 V - 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
2.3 kg
23.5 x 12 x 69.5 cm

059962



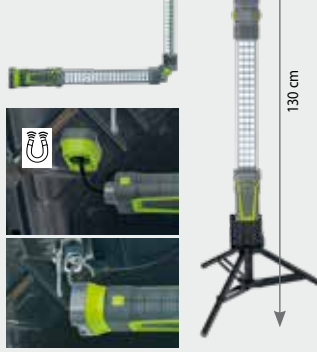
UNDER BONNET LAMP 800 L

250-800 lumens

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

2kg
60.7 x 15 x 11.3 cm

058002



360° AMBIANT LAMP

- Lampe ambiance 360°

AMBIANCE LAMP 360° PORTABLE

1000 L

60 > 1000 lumens

>80 CRI SMD LED
6500 K
3.7 V - 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

INSPECTION LAMP 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

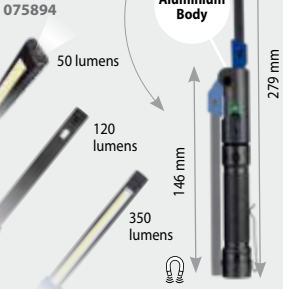


INSPECTION LAMP MINI 350 L

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

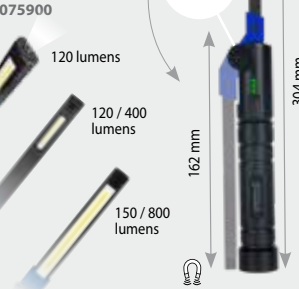


INSPECTION LAMP PRO 800 L

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



FRONTAL INSPECTION LAMP 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 / 17.8 x 4.7 x 4.2 cm
40 x 8.8 x 5.5 cm / 200 g

060845



INSPECTION LAMP MINI 200 L

100-200 lumens

COB LED, 80 CRI, 6500 K
3.7 V - 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

060852



WORKLIGHT WITH TRIPOD

- Projecteur sur trépied
- Arbeitsleuchte mit Standfuß

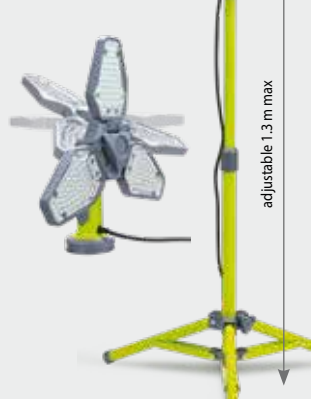
TRIPOD LAMP 1800 L

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



TRIPOD LAMP 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



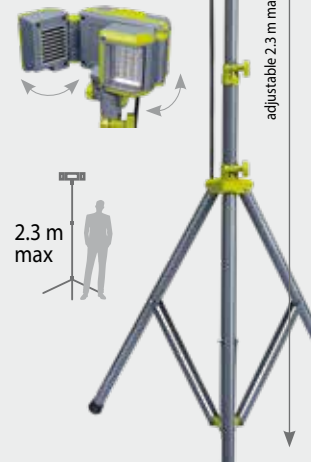
TRIPOD LAMP 4000 L

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 - Baterías de arranque
- Automotive accu's - Baterías de Automóvil - Miniatropieć
огнудтлв - 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 I UoU FAST CHARGE	✓	✓	✓	✓	✓	-	✓	✓
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



Catalogs and posters available
for download on our website



A - Barnum
3 x 3 m
098022

B - Open
Barnum
2 x 2 m
098039

C - Oriflamme
3 x 0,50 m
098015



Display stand - Podium de
présentation - Podest
(machines not included)

063204
A: 45 cm, B: 50 cm, C: 50 cm
063211
A: 80 cm, B: 50 cm, C: 50 cm

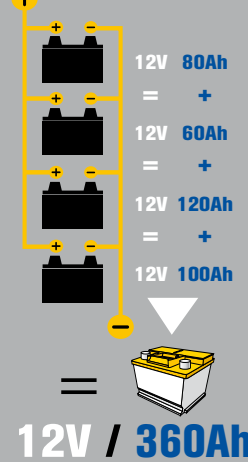


Retail display space with 2 shelves
- Linéaire de vente avec 2 étagères
- Lochwandregal mit 2 Böden
(machines not included)
060784

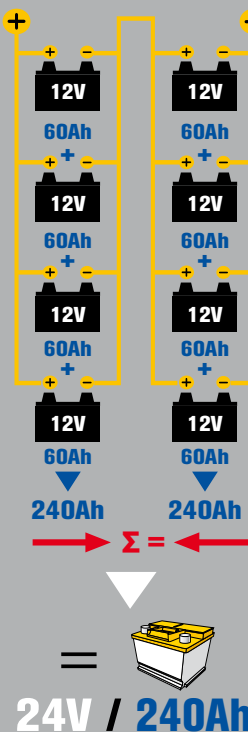
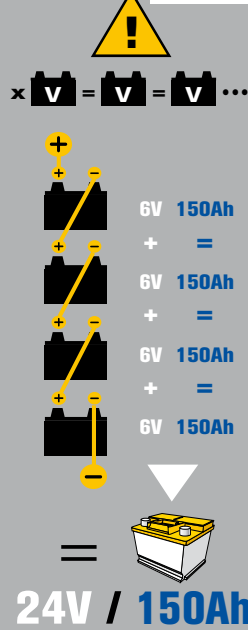


Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412

Parallel



Serial



Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
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