


With a power output of 10A, the GYSFLASH 10.36/48 PL is a multi-voltage charger designed to recharge batteries of 36 V and 48 V found on many recreational vehicles (electric bicycles and trolleys, golf carts, etc.), forklifts or stationary «UPS» type devices (uninterrupted power supply). This charger is designed to charge Lead-acid (Gel, AGM, Liquid, etc.), Lithium-Iron Phosphate (LFP / LiFePO4) and «standard» Lithium-ion batteries (NMC, NCA, Li-Po, LCO, MCO, etc.). It features an 8-step smart charging curve.

DUAL TECHNOLOGY: LEAD-ACID & LITHIUM

• High performance, duty cycle of 10A at 100% (30°C).

• 8 charging modes :

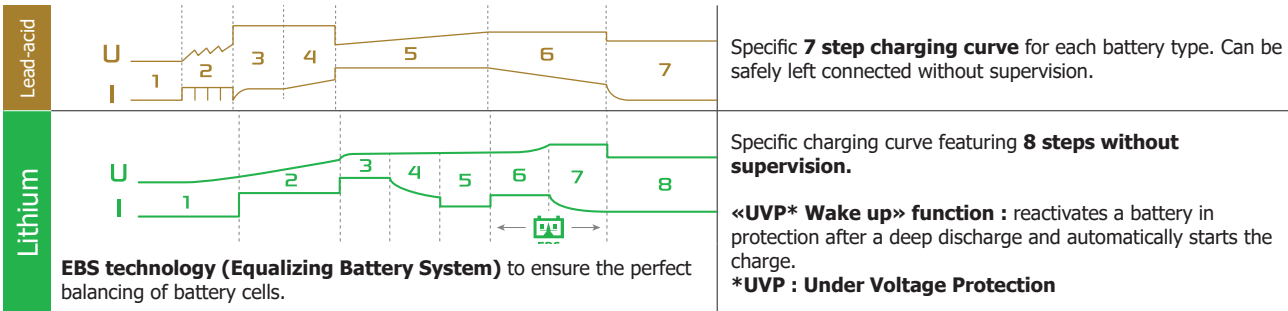
		Charging voltage	Description
Pb Lead-Acid	36V	43,8 V	Battery charge 36V lead-acid type
	48V	58,4 V	Battery charge 48V lead-acid type
LiFePO4 Lithium	36V	43,2 V	Battery charge 36V LiFePO4 type
	48V	54,0 V (15S) 58,0 V (16S)	Battery charge Lithium-ion LFP with 15 or 16 cells in series
LI-ION NMC, NCA, Li-Po, LCO, MCO, ...	36V	41,5 V	Battery charge 36V Lithium-ion «standard» type
	48V	54,0 V (13S) 58,0 V (14S)	Battery charge lithium-ion «standard» with 13 or 14 cells in series



- In 48 V lithium charging mode, it is possible to choose between 58.0 V and 54.0 V charging voltages depending on the number of cells in series in the battery.
- Optimised charge maintenance, the charger can safely remain connected to the battery indefinitely.
- The «Auto Restart» function means that the charger will memorise the settings and restart automatically in the event of a power cut.
- Will charge deeply discharged batteries from as low as 5V.

100% AUTOMATIC CHARGE

- Extends the life and performance of lead, lithium (LFP) and lithium-ion batteries.
- External air temperature sensor will ensure a full charge of the battery taking into account the ambient temperature. The charger adjusts its charging parameters depending on ambient temperature.
- Feature to calibrate the charging leads for optimal battery recharge.



ULTRA-SAFE










- Comprehensive protection: protection against short circuits, polarity reversal and overload. Spark prevention system.
- Automatic stand-by mode if the battery is disconnected.
- Integrated temperature sensor to prevent the internal electronics from overheating.
- Lockable interface to prevent misuse.

ERGONOMICS

- Compact design, light and portable.
- Cable connection with quick connector.
- Can be wall mounted, optional magnetic system available (ref. 026063).

Supplied with :



50 / 60 Hz		Icharge	 V	Charge / Maintenance		Ondulation/ Ripple	Charging curve		 kg	 mm	 mm		IP	
220-240 V AC	500 W	10 A	36 V	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IU ₀ U	7 step (Pb) 8 step (LiFePO4)	1,85	190 x 190 x 73	193 x 260 x 95	Automatic >2V	IP 32 IP 31	1,9 m
		8 A	48 V	15 > 160 Ah (Pb) 8 > 160 Ah (Li)										