

The **GYSFLASH 6.24 PL (6 A)** is an advanced charger designed to recharge **24 V lead, lithium-ion "standard" batteries** (NMC, NCA, Li-Po, LCO, MCO, etc) and **lithium-iron phosphate batteries** (LiFePO4). It has **3 distinct intelligent charging programs that guarantee the performance of each battery technology**. Ideal for **electrically powered vehicles** (wheelchair, golf cart, electric bicycle, etc.) and for **commercial vehicles**.

## DUAL TECHNOLOGY: LEAD-ACID & LITHIUM

### • 3 charging modes for 24 V batteries:

<b>Pb</b> Lead-acid	15 Ah to 125 Ah and up to 170 Ah for maintenance charge.
<b>Li-ion</b> NMC, NCA, Li-Po, LCO, MCO, ...	2 Ah to 125 Ah and up to 170 Ah for maintenance charge.
<b>LiFePO4</b> lithium-iron phosphate	2 Ah to 125 Ah and up to 170 Ah for maintenance charge.

• **«UVP Wake up» function:** allows you to disable the UVP\* protection of the Lithium battery after a deep discharge and to automatically start charging.

\*UVP = Under Voltage Protection

• **Maintenance charge the charger** can remain connected to the battery indefinitely during the winter and guarantee a perfect start.

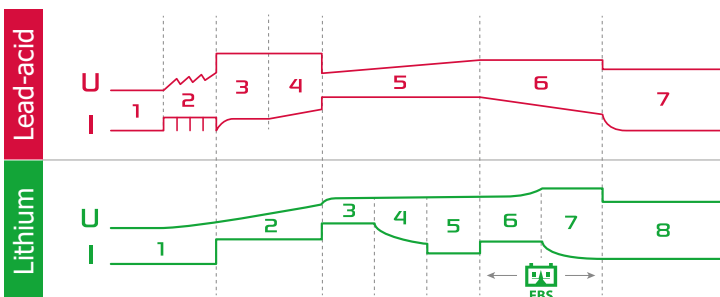
• **The «Auto Restart»** function means that the charger will memorise the settings in case of a power cut and restart automatically.



 Lockable interface

## 100% AUTOMATIC CHARGE

- Extends the life and performance of Lead, Lithium-ion and Lithium (LFP) batteries.
- Outdoor air temperature sensor, for a complete charging of the battery in both summer and winter. The charger adjusts its charging parameters depending on ambient temperature.



Specific 7 step charging curve without supervision.

Specific 8 step charging curve without supervision.

**EBS (Equalizing Battery System)** technology to ensure the perfect balance of the battery cells.

## SAFETY

- Protection of the vehicle's on-board electronics: protection against short circuits, polarity reversal and overcharging. Spark prevention system.
- Lockable interface to prevent misuse.
- Automatic stand-by mode if the battery is disconnected.
- Integrated temperature sensor to prevent internal electronics' overheating.

## ERGONOMICS

- Compact design, light and portable.
- Optional charging connectors for the electro-mobility: XLR 3-pin (ref. 027428) & T-bar (ref. 027442).
- Case completely sealed against dust and liquids (IP65).
- Can be wall mounted.

### Supplied with:



Clamps  
(45 cm)



Eyelets - M6  
(45 cm)



SAE  
connection  
(145 cm)

50/60 Hz	Charge	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	kg	40°C/230V	mm	mm	SOS recovery	IP			
220-240 V AC	190 W	6 A	24 V	Pb 15 < 125 Ah LiFePO <sub>4</sub> 2 < 125 Ah	15 < 170 Ah 2 < 170 Ah	<1 Ah/ month	<150 mV Rms	IU <sub>0</sub> U	7 step 8 step	1.1	6 A @ 100%	221 x 111 x 58	365 x 195 x 70	Automatic >7V	IP 65	2 m