

# Battery Charger

5A / 2A

en **Lead Acid Battery Charger  
User Manual**















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This manual **MUST** be given to the user of the product. **BEFORE** using this product, this manual **MUST** be read and saved for future reference.

## 1 Symbols on Products

	Indicates a hazardous situation that could result in serious injury or death if it is not avoided.
	Read the user manual.
	For indoor use only.
	Service and repairs may only be carried out by an authorised person.
	Avoid naked flames and sparks.
	Caution, hot surface.
	Alternating current.
	Direct current.
	This product bears the CE declaration of conformity.
	UK Conformity Assessed
	C-Tick (Australian EMC)
	TÜV SÜD certified compliance with EN60601.

## 2 Features



Ⓐ POWER LED indication

Ⓑ CHARGING LED indication

## 3 LED Display

POWER LED	
Yellow	Power
CHARGING LED	
Red rapid flash	Fault
Red flash	Standby
Red solid	Charging
Green solid	Fully charged

## 4 Caution

Before using the battery charger, read all instructions and cautionary markings.

This charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the charger by a person responsible for their safety.



### **WARNING!**

#### **Risk of Electric Shock!**

- Do not attempt to open or modify this charger in any way. No user serviceable parts inside.



### **WARNING!**


#### **Explosive Gases!**

- Prevent flames and sparks.
- Provide adequate ventilation during charging.

- Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all safety warnings and instructions for future reference.
- For indoor use only. Do not expose to rain, snow or damp conditions.
- The charger must be placed in a well ventilated area, protected from direct sunlight and inflammable surfaces, paper textiles etc.
- To reduce the risk of fire hazard, do not cover or obstruct the ventilation holes on the charger.

- Before each use of the charger, check that there is no sign of damage to the case, cables and socket. Contact your provider in the event of any damage. Do not open the charger yourself. Have repairs performed only by a qualified technician.
- Contact your provider if you are unsure of how to operate the charger.
- Keep the charger out of children's reach. Children should be supervised to ensure that they do not play with the charger.
- Only use the charger for gel or AGM batteries.
- Disconnect the AC Input supply before plugging or unplugging the connections to the battery.
- Unplug both of the DC output and the AC Input power cord of the charger when the batteries are fully charged.
- The temperature of the case may exceed 41° C in certain circumstances when charging. Avoid to touch the case directly.
- For normal use, the charger requires no maintenance over and above general cleaning. Use a soft cloth, which may be damp if necessary, to clean the charger.
- The charger is supplied with a polarized plug. The charging plug must not be dismantled or modified.
- Power Cord EU version: A certified power cord must be used with this equipment. The relevant national installation and/or equipment regulations shall be considered. A certified power supply cord not lighter ordinary polyvinyl chloride flexible cord according to 60227 IEC 52 (designation H03VV-F) shall be used. Alternatively, a flexible cord of synthetic rubber according to 60245 IEC 53 (designation H05RR-F) shall be used. Power supply cord with conductors providing a cross-sectional area of 3G, 0.75mm<sup>2</sup> minimum.

## 5 Operational Instructions

 Make sure the battery charger output voltage is the same as the output voltage of the connecting battery.

1. Connect the battery charger to the charging socket of the mobility device.
2. Connect the power cord. The yellow POWER LED indicates that AC power is on.

For more information about charging status, refer to *3 LED Display, page 2*.

## 6 Troubleshooting

- If the POWER LED is off:
  - Check that the charging cable is correctly connected.
  - If the LED still does not light, the battery charger may be faulty. Contact your provider.
- If the CHARGING LED is off:
  - Check that the charging cable is correctly connected.

## 7 Technical Specifications

Item	Battery charger
Model	PF2405SL (5A charger) PF2402SL (2A charger)
Output current (DC)	5A 2A
Floating voltage (DC)	24 V Rated
Input current (AC)	2.2 – 1.1 A (5A charger) 1.2 - 0.4 A (2A charger)
Input voltage (AC)	100 – 240 V, 50 – 60 Hz
Operating temperature	0 °C - 40 °C
Battery application	24 V gel or AGM batteries <ul style="list-style-type: none"><li>• 16 Ah - 60 Ah (5A charger)</li><li>• 12 Ah - 16 Ah (2A charger)</li></ul>
Dimensions L x W x H [mm]	160 x 100 x 55.5
Weight	500 g

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