

POWERTECH

MB3922

8 State Intelligent Lead Acid and Lithium Battery Charger



Instruction Manual

Please read and save all instructions to ensure safe and effective use of this product.



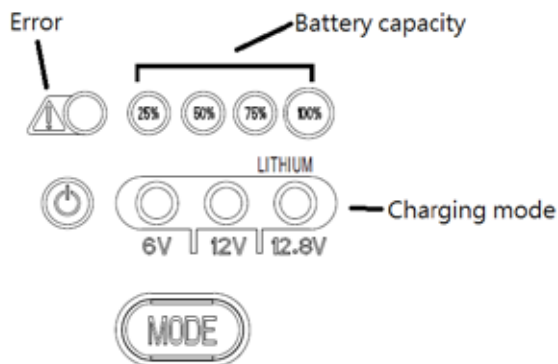
WARNING AND SAFETY INFORMATION

- For indoor use ONLY!
- Do not charge non-rechargeable batteries.
- Please check the battery capacity should not be more than 120Ah.
- During charging the battery must be placed in well ventilated area.
- The battery is to be disposed of safely.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children should be supervised to ensure that they do not play with the appliance.
- Disconnect the supply before making or breaking connections to the battery.
- The battery terminal not connected to the chassis has to be connected first. The other connection is to be made to the chassis, remote from the battery and fuel line. The battery charger is then to be connected to the supply mains.
- After charging, disconnect the battery charger from the supply mains. Then remove the chassis connection and then the battery connection.

PRODUCT INFORMATION

This is a mains charger for 6V & 12V Lead-Acid batteries (Wet, Gel, MF, AGM) and 12.8V LiFePO4 Lithium batteries. You can also use it to regenerate completely discharged batteries and wake up lithium batteries in "Sleep" mode. The battery charger has protective circuits to prevent sparking and overheating. The charging process is automatic.

LCD DISPLAY



USAGE INSTRUCTIONS

Mode	Explanation
Standby	In Standby mode, the charger is not charging or providing any power to the battery.
6V Normal	For charging 6-volt Lead-acid batteries only, like Wet Cell, Gel Cell batteries.
12V Normal	1. For charging 12-volt Lead-acid batteries only, like Wet Cell, Gel Cell batteries.
Lithium	For charging 12-volt Lithium Iron Phosphate (LiFePO4). For use on batteries with Battery Management Systems (BMS) only.

NOTE: Lithium 12.8v mode will not be selectable when you connect a 12.8v Lithium battery that is already fully charged (Voltage above 13.8v DC).

Charge a battery:

1. Connect the charger clamps to the battery. Red to (+) & Black to (-).
2. Plug the charger to the wall socket. All LEDs should flash 2 times. The Blue "Standby" will be on. If the error LED is blinking, check the polarity of the battery clamps.
3. Press the "Mode" button to select the charging program (6V Normal or 12V Normal).
4. Long-press the "Mode" button to set the charger to the Lithium 12.8V mode. Press again to return to Standby.

SPECIFICATIONS

Input:	220-240V~ 50Hz 0.5A
Output:	6Vdc, 2.5A; 12Vdc, 2.5A; 12.8Vdc 2.5A
Battery capacity:	6V/12V, 4Ah-26Ah / Lithium (LiFePO4), 2A-15Ah
Operating Temperature:	0°C to +40°C
Dimensions:	116.2 x 68.4 x 71.3mm
Battery types:	All types of 6V and 12V Lead-acid batteries (WET, GEL and AGM) and Lithium (LiFePO4)
Insulation Class:	IP 65

WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555