

12 VOLT COMPACT BATTERY CHARGER (MP7404 & MP7406) INSTRUCTIONS



Keep the user guide for future reference. When passing a battery charger on to others be sure to include all documentation. The user guide is also available on our website: www.maypoleltd.com



SAFETY – IMPORTANT GUIDELINES

Explosive gases may escape during charging. This is normal, but please follow the following guidelines:

- Do not charge near flames or sparks – do not smoke in the area.
- Ensure adequate ventilation during charging.
- Keep the charging area completely clear of combustible materials.

Do not leave charging batteries unattended for long periods or overnight.

Do not allow battery to overheat by exceeding 40°C.

Store and use indoors only, do not expose to rain or moisture.

The charger is designed to charge 12v Lead-Acid & AGM batteries with capacities as shown in the specifications table. Charge only one battery at a time. Do not use with non-rechargeable batteries.

This charger should not be used as a continuous DC power source or for any purposes other than those listed – any other use will invalidate warranty.

Ensure that cables are regularly inspected and kept in good condition.

Never use the appliance if the charger, mains lead, plug, output leads or crocodile clips are damaged.

Replacement of the mains cable should only be carried out by the manufacturer. There are no user-serviceable parts in this product other than the fuse in the plug and the output fuse under the charger.

Always disconnect mains supply before connecting and disconnecting the battery leads.

Follow instructions for safe use – electrical discharge from batteries can be dangerous.

Battery electrolyte is acidic and likely to cause burns. The use of safety goggles and gloves when working with lead acid batteries is strongly advised.

This appliance is not for use by a person (including children) with reduced physical, sensory or medical capabilities or lack of experience or knowledge.

PREPERATION OF BATTERY

Refer to the vehicle manufacturer's handbook for battery maintenance and charging guidelines.

CONNECTION

Always disconnect the mains supply before making or breaking battery connections.

Connect the battery clips to the battery in the following order:

- 1). Connect the positive charging lead (RED) to the positive post of the battery (marked +, +ve or P).
- 2). For vehicles with the battery still installed: connect the negative charging lead (BLACK) to the vehicle chassis (marked -, -ve or N), well away from the battery, fuel line, hot or moving parts.

For batteries removed from the vehicle: Connect the negative charging lead (BLACK) to the negative post of the battery (marked -, -ve or N).

After connecting the clips, rotate them slightly so to remove any dirt or oxidization; ensuring good contact.

CHARGING

WARNING! DO NOT ATTEMPT TO START THE VEHICLE WITH THE CHARGER CONNECTED TO THE BATTERY. THIS MAY DAMAGE YOUR BATTERY CHARGER.

Switch on the mains power supply, the red "POWER" led on the front of the charger will be illuminated.

The orange "CHARGING" led will illuminate when the battery is being charged.

Note: Large capacity batteries will take a considerable length of time to charge fully.

WHEN CHARGING IS COMPLETE

When the battery is fully charged, the Green "CHARGED" led is illuminated. Switch off the mains supply, unplug the charger and disconnect the clips in the following order:

Remove the **negative (BLACK lead) first**. Then disconnect the **positive (RED lead)** from the battery.

TROUBLE SHOOTING

If the ORANGE LED illuminates without the leads connected to a battery it could indicate that the output fuse has blown. Check output fuse and replace if necessary. NOTE – reverse polarity connection will cause the output fuse to blow.

If the GREEN LED illuminates immediately when the charger is connected and switched on; check that the clips are correctly connected to the battery and making a good contact.

The only other user serviceable part is the mains fuse fitted inside the mains plug. The battery must be in good condition and capable of accepting a charge. The battery charger is fitted with an internal, automatic thermal protection device, if the charger overheats due to overload, environment or for any other reason, charging will be interrupted, charging will restart automatically when the charger has cooled down.

TECHNICAL SPECIFICATIONS

Model No.	Rated Input	EN Rated Output	Peak Output	For Battery Capacity	Fuse Mains Plug	Output Fuses
MP7404	230V AC 50Hz 48W	12V DC 2.8 Amp	4 Amp	10 - 60 Ah	5A	5A
MP7406	230V AC 50Hz 75W	12V DC 3.52 Amp	6 Amp	12 - 80 Ah	5A	7.5A

We declare that this product conforms to the following standards EN60335-1, EN60335-2-29, EN55014, EN61000, and the following Directives 73/23 CEE, 93/68 CEE, 2004/108/EC, 2002/95/EC (ROHS)



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