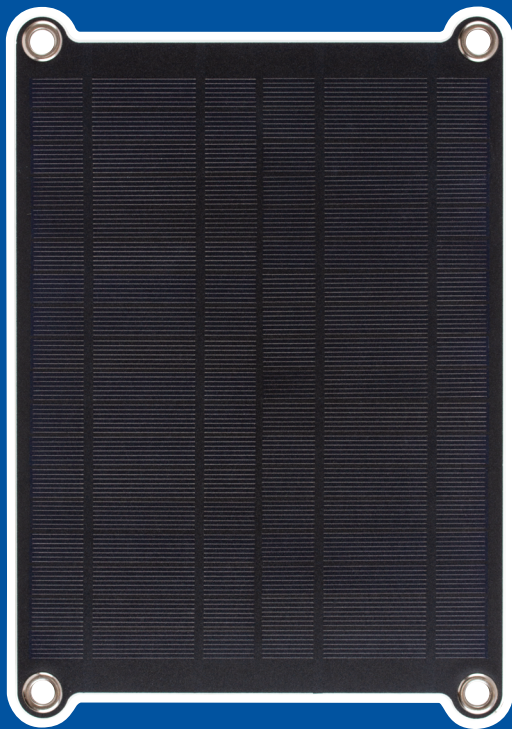




SOLAR MAINTENANCE CHARGER **MANUAL**



MA1106



5.7 WATT 5V/12V SOLAR BATTERY CHARGER

FEATURES

- Integrated panel regulator for charging 12V batteries and 5V USB devices
- High quality PET lamination for long service life
- Lightweight and compact
- Connects via vehicle OBD port or alligator clips
- Low light sensitivity allows operation in cloudy conditions

5V USB CHARGING

1. Connect solar panel to USB device via the USB output on the back of the solar panel, using an appropriate cable for your device.
2. Place solar panel in the sun. For best results position the panel so that it is facing the sun directly, without any shade being cast on the panel. Note – The solar panel will work in cloudy conditions, but the output will be reduced, so your device will charge more slowly.
3. Charging is indicated by LED lights between the USB and 12V output ports.
 - No light = Less than 280mA
 - Blue LED = Between 280mA and 640mA
 - Green LED = Greater than 640mA

12V BATTERY CHARGING

1. Choose between connecting to the vehicle OBD port or directly to the battery, select the appropriate cable and connect it to the solar panel.
2. Position the solar panel in the sun, using the suction mounts if required.
3. Connect the OBD plug to the vehicle port, or connect the battery clips to the battery.
4. Charging is indicated by LED lights between the USB and 12V output ports.
 - No light = Less than 280mA
 - Blue LED = Between 280mA and 640mA
 - Green LED = Greater than 640mA



1.2 Metre
OBD Charging Lead



1.5 Metre
Battery Clip Leads



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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	
Max Power	5.7W
Voc	21.6V
Output Voltage	5VDC
	14.4VDC
Output Ports	USB2.0
	DC5521
Dimensions	171mm x 246mm
Weight	200g
Operating Temp	-20°C to 70°C

WARNING: Before use, carefully read the instructions. Misuse may cause excessive heat, battery rupture, smoke, fire and other hazardous conditions
DO NOT OPERATE VEHICLE IF PANEL OBSTRUCTS VIEW

1. Do not damage, pierce or scratch solar panel with sharp or blunt objects
2. Do not store panel in direct sunlight when not in use
3. Do not store in high temp (over 70 Celsius), humid (over 80% humidity) or corrosive environments. Recommended operating temp range is -20C to 70C. Operating humidity is less than 80%.
4. Do not reverse charge into the solar panel, this will cause damage to the panel
5. Do not burn the panel in fire
6. When charging, do not block any part of the solar panel
7. Do not disassemble any part of the solar panel
8. Do not operate device in water. The panel is water resistant, but it is important to keep the output ports dry
9. Do not short circuit either the USB or 12V outputs



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FAQ'S

- Q.** What devices can I charge?
- A.** Any device that charges from USB power; mobile phones, tablets, gaming consoles, cameras and GPS navigation systems etc.
- Q.** What 12V battery types are compatible?
- A.** All 12V automotive batteries should be fine, including battery chemistries like Lead Acid, Flooded, AGM, Calcium, LiFePO etc. If in doubt, check that a float voltage of 14.4V @ 0.3 Amps is compatible with manufacturer specs.
- Q.** Is the panel waterproof?
- A.** Yes, but the charging output sockets (USB and 12V) must be kept dry.
- Q.** Does the panel work on cloudy or rainy days?
- A.** Yes, but the reduced sunlight means a reduced charging output. It will still work, but charging will be slower.

TERMS AND CONDITIONS OF WARRANTY

Products developed and sold by Tridon Australia Pty Ltd come with a guarantee for the reasonable life of the product, for the purpose it is commonly used. This is in addition to the rights of the consumer under the Australian Consumer Law. To be considered for warranty please take the product with proof of purchase to the store where you purchased the product or contact Tridon Australia.

The warranty is given by:

Tridon Australia, 21-25 Derby St, Silverwater, NSW 2128.

Tel: 1300 362 263.

Email: mail@tridon.com.au

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 incurred if the product fails when used for the purpose for which it was intended. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Tridon Australia will bear costs associated with claiming legitimate warranties. Proof of expenses incurred must be submitted to Tridon Australia Pty Ltd.