

# REDMAX

## ACCESSORIES



## SOLAR BATTERY MAINTAINER

**Keep your batteries in peak performance with the REDMAX Solar Battery Maintainer.**

Save yourself from constant flat batteries by effortlessly connecting this battery maintainer. The RMSBM1210 is a 10W solar maintainer designed to provide a direct float charge to 12V lead acid batteries for an extended period of time. Featuring efficient monocrystalline solar cells the maintainer captures the sun's energy to help offset the battery's self discharge whilst connected.

While a dedicated battery charger is required for a discharged battery, this unit is designed to maintain the battery's charge during storage or periods of inactivity.



### RMSBM1210

## PRODUCT FEATURES

- Efficient Monocrystalline Solar Cells
- Direct Float Charging
- Reverse Current Protection
- UV Resistant Top Layer & Cable
- Sealed Junction Box
- Wide Operating Temp ( -40°C to +85°C)
- Easy Installation

## APPLICATIONS

Cars, 4X4, caravans, boats, agricultural machinery and other applications with a 12V lead acid battery.



## SPECIFICATIONS

PV Cell Type	Monocrystalline
Number of Cells	26
Cell Size	157mm x 14mm
Nominal Rated Power Output	10W
Open Circuit Voltage ( $V_{oc}$ )	16.0V
Maximum Power Voltage (PMP)	13.3V
Short Circuit Current (ISC)	0.87A
Maximum Power Current (IMP)	0.82A
Cell Conversion Efficiency	19.5%
Module Conversion Efficiency	9.74%
Voltage Temperature Coefficient	-0.29% / °C
Current Temperature Coefficient	+0.05% / °C
Power Temperature Coefficient	-0.39% / °C
Blocking Diode	30V, 1A
Connecting Cable	3m, 18AWG, 105°C
Operating Temperature	-40°C to +85°C
Ingress Protection	IP67
Panel Dimensions (LxWxH)	360 x 285 x 13.2mm
Weight	0.55kg

**ALSO AVAILABLE**

**REDMAX**



### MULTIMETER

Leave out the guesswork by using the REDMAX Multimeter to accurately measure electrical values in batteries, components and circuits. This compact digital multimeter (pen-style) can measure voltage, current, capacitance, resistance, and more.



### POWER HUB

The REDMAX Power Hub is your portable plug and play power solution. Using a rechargeable lithium iron phosphate battery, the Power Hub safely stores energy for use on the move, on site or off grid.



### SOLAR POWER BANK

The REDMAX Solar Power Bank is specifically designed to power your outdoor adventure. Whether you require portable solar power for camping, climbing, exploring or biking, the REDMAX Solar Power Bank will give you power on the go.

REDMAX Solar Battery Maintainers are available from R&J Batteries branches & selected distributors.

**For more information or to see more REDMAX accessories visit: [rjbatt.com.au/redmax](http://rjbatt.com.au/redmax)**