

Technical Information

The REDMAX RM10ASC is a 12V PWM Solar Controller with charging profiles to suit lead acid (Wet, Gel, AGM & Calcium) as well as LiFePO₄ (lithium iron phosphate) & LTO (lithium titanate) batteries..

The RM10ASC has a clear digital LCD screen which can display battery voltage, charging current and the total capacity delivered (in Ah). The IP65 rated controller has integrated protection for reverse polarity, short circuit, over temperature and over voltage



Features & Benefits

- High efficiency PWM (Pulse Width Modulation) controller
- Intelligent multistage charger
- Compatible with Lithium and Lead Acid batteries
- Can be permanently connected to a battery
- Reverse polarity, short circuit, over temperature and over voltage protection

Applications

Off Road & 4x4

Boating & Camping

Rural & Off Grid

Technical Specifications RM10ASC

Controller Type	PWM	Power Terminal Max Wire Size	12AWG
Battery Profiles	LiFePO ₄ , LTO, Gel, AGM, Wet, Calcium	Maximum Current Output	10A
Ingress Protection	IP65	Minimum Battery Voltage	3V
Input Voltage Range	12-22VDC	Case Material	ABS
Maximum Solar Panel Voltage (OCV)	25V	Standby Current (Night)	5mA
Maximum Solar Panel Power Rating	170W	Overall Size (LxWxH)	130 x 35 x 102mm
Minimum Operating Voltage	8V	Operating Temperature	0°C to +50°C