

MRC-135A

Technical Datasheet



Technical Specifications

Part No.	MRC-135A
DC Input	11-36VDC
Solar Input	2 x 30W panels 1 x 57W panel
Charge Rate	1.0A per string
Charge Time	BB-390/U: approx. 4-5 hrs. BB-590/U: approx. 2-3 hrs. UBI-2590, UBI-2590 SMBus: approx. 7-8 hrs. UBI-2590/HC SMBus: approx. 8-9 hrs. BB-2590/U: approx. 7-8 hrs.
Battery Types	BB-390/U - Nickel Metal Hydrate (NiMH) BB-590/U - Nickel Cadmium (NiCd) BB-2590 / UBI-2590 (UBBL02) / MRC-2590 / UBBL09 / UBI-2590 SMBus (UBBL10) / UBI-2590 HC SMBus (UBBL13) - Lithium-Ion (Li-ion)
User Interface	Flashing: Fault Steady: Charging OFF: Full Charge
Size	12.2cm (4.8in) x 5.1cm (2.0in) x 8.1cm (3.2in)
Weight	635g (1.4lb)
Operating Temperature	-30°C to 55°C
Storage Temperature	-50°C to 65°C
Operating Altitude	55,000 ft. (16,764m)
Storage Altitude	27,000 ft. (8,230m)
Humidity	95%
Note	For complete solution, refer to MRC-UKT0002: Solar Panel Kit.

Features

- Unattended charging
- Charge module automatically detects open or shorted cells
- Charging stops whenever a fault is detected
- Individual charging of each cell string prevents cell imbalances, assures positive recharge
- Performs well in hot, cloudy and other diverse environments
- UV resistant and weatherproof
- Rugged construction

Accessories Included

- MRC135-07-120: Solar panel cable
- PCP-253-00-01: DC power cable

Accessories Optional

- MRC135A-014: AC to DC Power Supply
- MRC135A-32-02: Solar Panel
- PCP-278-00-01: Cigarette lighter adapter
- PCP-279: SOCEPEX Solar Input Cable
- PCP-280: DC Input Cable