

MRC-KT0002

Technical Datasheet



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

- PCP-279-00-01: Solar cable assembly

Accessories Optional

- MRC135A-014: AC to DC Power Supply
- PCP278-00-01: Cigarette lighter adapter

Technical Specifications

Part No.	MRC-KT0002
Weight	Approx. 2.7kg (6lb)

Technical Specifications

Part No.	MRC-135A Charging Module
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%

Technical Specifications

Part No.	MRC135A-32-02 Solar Panel
Rated Power	57W
Operating Voltage	21.6V
Operating Current	2.4A
Weight	1.2kg (2.6lb)
Size	Folded: 26.2cm (10.3in) x 30.7cm (12in) x 5.3cm (2.1in) Unfolded: 198.1cm (78in) x 83.8cm (33in)