



Affordable Solar Power



TECHNICAL SPECIFICATIONS

| Parameters | MODEL: CC PWM HV |
|---|---|
| Charge controller type | Microprocessor controlled high efficiency PWM design |
| Display Type | 16 x 2 LCD digital display with backlight |
| Battery Voltage | 60V / 72V / 96V / 120V / 180V / 196V / 240V (factory set) |
| Maximum solar panel voltage | 400 V |
| Charging method | 3 stage battery charging - Boost/Absorption/Trickle mode |
| Max Charging Current (at 25 °C) | 20 A and 40A |
| Equalizing charging mode | Yes |
| Temp. compensated battery charging | Yes (Built-in ambient temperature sensor & battery temp. sensor accessory) |
| Product Efficiency (%) | Up to 98% |
| Parameters displayed on LCD | PV power, Cumulative PV KWHr, Battery voltage, Battery current, Battery charging mode, Night mode, Time since dusk, Ambient/Battery temperature |
| Programmable parameters[#] <i>(Using 3 buttons on front panel)</i> | Battery end-of-charge voltage (Range: 13.6V - 14.5V) Battery trickle charge voltage (Range: 13.2V - 14V) Battery equalizing charge voltage (Range: 14V - 14.8V) Maximum battery charging current (Range: 5A - 20A) Power saver mode (Optional accessory required) |
| Optional Accessories | Battery temperature sensor with 2 meters cable Power saver box: For inverters (Mains supply to inverter is cut-off when sufficient solar energy is available. This ensures saving in electricity bills) |
| General Specifications | |
| Specified Temperature Range | 0 °C to 45 °C |
| Usage | For indoor use only |
| Unit Weight | 1.4 kg |
| Dimensions (H x W x D) | 190mm x 160mm x 80mm |
| Mounting | Vertical wall mount - indoor only |
| Manufacturing Warranty | One year |

* Technical Specification may change in process of product enhancement

Multiply shown battery voltages with number of batteries in battery bank to get actual values.

Systemstar Innovations

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