



Specifications of Charge Controller 12V/6Amps.



1. ELECTRICAL SPECIFICATION

Nominal output voltage	: 12 Volts
Maximum load current	: 6 Amps DC
Maximum PV charging current:	6 Amps DC
Battery voltage range	: 11.5 Volts to 14.5 Volts
Efficiency	: Greater than 90%



2. CONTROL SETTINGS

PV module-Battery overcharge disconnect	: 14.5 (+/-) 0.2 volts
PV modules-Battery reconnect	: 12.5 (+/-) 0.2 volts
Load-battery disconnect	: 11.5 (+/-) 0.2 volts
Load-battery reconnect	: 13.0 (+/-) 0.2 volts

3. PROTECTIONS

- Against battery polarity reversal for control card
- Against over charge of battery
- Against excessive discharge of battery
- Fully automatic control

4. INDICATION LAMPS : LEDs TO INDICATE

Charging by solar PV Modules	: GREEN LED
Battery overcharge	: YELLOW LED
Battery low	: RED LED

5. MOUNTING PROVISION : Wall mounting or table mounting

6. DIMENSIONS

Height	: 35 mm
Length	: 130 mm
Width	: 100 mm

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