



Smart Power Solution



SOLAR LANTERN ▲ SOLAR HOME LIGHTING ▲ SOLAR STREET LIGHTING ▲ SOLAR PCU



Technical Specifications

Rating	: 12V/10A
Float charge	: 13.8V @ (25 °C)
Boost charge	: 14.4V @ (25 °C), 2 h, if battery voltage < 12.3 V
Equalization	: 14.8V @ (25 °C), 2 h, if battery voltage < 12.1 V (at least every 30 days)
Deep discharge protection-Cut off voltage	: 11 V
Deep discharge protection-Reconnect voltage	: 12.8V
Over voltage protection	: 15.5 V
Under voltage protection	: 10.5 V
Maximum PV voltage	: 40 V
Minimum PV voltage	: 17 V
Temperature compensation	: -4 mV/cell * K
Idle self consumption	: <= 15 mA
Night detection	: 2.5 - 10 V
Day detection	: Night detection + 1.5 V

Visual LED Indicators:

PV Charging, Battery Full, Output, Fault / Battery Low.

Digital Display of Parameters:

1. Voltage, Current (PV)
2. Battery Voltage, Charge Status in % Charging & Discharging current.
3. Voltage, current (Load)

Authorised Dealer / Distributor

