

SMARTEN

Prime+ 12/24v 30A

MPPT SOLAR CHARGE CONTROLLER



Key Features:

- ◆ Great Power Saving up to 20%
- ◆ User Friendly Interface
- ◆ 100% Solar Priority
- ◆ Supports Grid Charging
- ◆ 1 Year Warranty

Smarten Prime+ MPPT charge controller, or Maximum Power Point Tracker (MPPT) is an electronic DC to DC converter that optimizes the match between the solar array (PV panels), and the battery bank or utility grid. Most importantly, MPPT Charge Controller converts higher voltage DC output from solar panels down to the lower voltage needed to charge batteries.

Therefore, this product is a boon for people who wish to convert their existing UPS/Inverter to a solar energy based UPS/Inverter system. All you have to do is install Solar Panels, and connect them to your existing UPS/Inverter via Smarten Prime+.

Specifications:

| | |
|---------------------------------|---|
| Brand | : Smarten |
| Origin | : India |
| Model | : Prime + |
| Battery Support | : 12/24v |
| Max. Input Current | : 30 Amps |
| Max. Output Current | : 50 Amps |
| Max. VOC (Voltage Open Circuit) | : 12v battery (45v) 24v battery (85v) |
| Max. Panels Support | : 12v battery (500 – 600 watt) 24v battery (1000 – 1100 watt) |
| Battery charging | : Bulk, Absorption, Float & Equalize |
| Protections | : High PV Voltage shutdown, High PV Current shutdown |
| Warranty | : 1 year manufacturer's warranty |