



MPPT Solar Charge Controller

The maximum power point is mainly affected by the ambient temperature and the intensity of sunshine. This MPPT solar controller can intelligently regulate the working voltage of solar panels, letting the solar panels always work at Maximum Power Point of V-A curve. Compared with ordinary solar controller, this MPPT controller can increase the efficiency of PV modules by about 30%. However, due to many different factors, such as the difference in solar panel making, the change the Sun illuminance, change in temperature, the efficiency of the controller etc, the actually available increased rate is 10%-30%.

PRODUCT FEATURES: ■

- Applicable to various types of batteries, ◆
- MPPT function ◆
- Maximum Power Point Tracking makes efficiency up to 99.9% ◆
- Temperature sensor the battery charging compensation ◆
- Overload protection (automatic restoration) ◆
- Overcharge protection ◆
- Thunder protection ◆
- Reverse discharge protection ◆
- Reverse polarity connection protection (automatic restoration) ◆
- Under voltage protection ◆

■ SPECIFICATIONS

Model	MPPT24 80D
Rated Voltage	24V
Max charge current	80A
MPPT efficiency	≥99%
PV over ovtager protection	90V
Input voltage range	30V~90V
Full charge cut	27.6V
constant volatge	28. 8V
Low voltage cut	21V~22V
Over voltage protection	34V
Temperature compensation	-3mv/°C /cell
No load loss	≤30mA
Max cross section	16mm ²
Ambient temperature	-25 °C——+55 °C
Weight	2645g
Product dimension	295 × 176 × 95mm
QTY/CTN	6pcs/17. 8kg/carton/42*24. 5*36. 5cm
Warranty	2 years