



MPPT Solar Charge Controller

Maximum Power Point Tracking (MPPT in short) system is a system which allows PV panels to outputs more Power by adjusting working condition of the electrical module. the ordinary controller, which makes PV battery work on 12V ,only outputs power of 53W (a general power point); MPPT controller makes PV battery always work at the maximum power point, thus outputs power of 75W (the maximum power point).

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 ◆
- Short circuit protection (automatic restoration), ◆
- Thunder protection ◆
- Reverse discharge protection ◆
- Reverse polarity connection protection (automatic restoration) ◆
- Under voltage protection ◆

■ SPECIFICATIONS

| Model | MPPT2440D | MPPT2450D | MPPT2460D |
|-----------------------------|--------------------|-----------|-----------|
| Rated Voltage | 24V | | |
| Max charge current | 40A | 50A | 60A |
| MPPT efficiency | ≥99% | | |
| PV over ovltager 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 | 16 mm ² | | |
| Ambient temperature | -25 °C——+55 °C | | |
| Weight | 2220g | | |
| Size | 240×175×95mm | | |