

SOLAR PANEL CONTROLLER 12V 20A



Solar Controller Benefit

The most outstanding feature of this controller is intelligent tracking input voltage from solar panel, which could let solar panel always working at Maximum Power Point of V-A curve. Compared with normal solar charge controller, this controller could increase 10%-30% electrical power using efficiency from solar panel.

Solar Controller Function

- Overcharge protection
- Over-discharge protection
- Battery Reverse Current Protection
- Overloading Protection
- Short Circuit Protection
- Reverse Polarity Connection Protection

Technical Specification

Rated voltage: DC: 12V

Max Current: 20A

Zero Loaded Losses: $\leq 45\text{mA}/12\text{V} / 24\text{V} \leq 25\text{mA}/48\text{V}$

Full Charge Cut: $14\text{V}/12\text{V}, \times 2/24\text{V}, \times 4/48\text{V}$

Low Voltage Cut: $10.5\text{V}/12\text{V}, \times 2/24\text{V}, \times 4/48\text{V}$

Supply Resume Voltage: $12.6\text{V}/12\text{V}, \times 2/24\text{V}, \times 4/48\text{V}$

Temp Compensation: $-3\text{mV}/\text{cell}$

Efficiency: 95 % _ 97%

Min. Wire Size: 1 _ 2A/mm 2

MPPT Efficiency: Increase 10 _ 30 %

Net Weight: 0.65Kg

Dimension: 188× 118× 55mm.

Made In China