

SOLAR PANEL CONTROLLER 24V 30A



Features

The WELLSEE WS-C2430 (20A, 25A, 30A) Solar Charge Controller applies in solar photovoltaic systems, which coordinates the working of solar panels, batteries and loads. It adds some protection functions, so that the entire system can be operated efficiently and safely.

WS-C series charge controllers apply to all types of photoelectric panels and various types of batteries, MCU (Micro-Processing Controller) has PWM (Pulse Modulation Wide-frequency) 0~100% variable duty cycle process. According to the types and actual charging situation of the battery, WS-C controller series can provide the fast and best charging voltage and electricity from the PV panel. C30 and C60 series are equipped with advanced man-machine interactive function, so the user can adjust the charging voltage.

Functions

1. Automatic identify the input voltage
2. Applying with various types of durable batteries
3. Micro processing controller Pulse Modulation Wide-frequencyPWMcharge
4. Setting the voltage of low voltage cut-off/resuming connection of the DC output of the load port
5. Temperature sensor for charging a battery in compensation
6. Protective circuit of PV from reverse-charging.
7. Overloading protection
8. Overcharge protection
9. Short circuit protection
10. The temperature compensate
11. Reverse polarity connection protection
12. Converse discharge protection
13. Thunder protection
14. Low voltage protection
15. LCD display rotation parameters.

Technical Specification

Model	WS-C2430 20A	WS-C2430 25A	WS-C2430 30A
Rated Voltage	12V/24V Automatic voltage recognition		
Max Load current	20A	25A	30A

Input current range	12V17V/24V34V
Length≤1m Charge loop drop	0.25V
Length≤1m Discharge loop drop	0.15V
Over voltage protection	17V/34V
Full charge cut	13.7V/27.4V
Low voltage cut	10.5~11V/21V~22V
Temperature compensation	-3mv//cell
No load loss	≤30mA
Max wire area	4mm ²
Ambient temperature	-25-100

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