

WELLSEE charge controller WS-C2430 20A 24V



Description:

WELLSEE charge controller could store DC generated by solar panels into battery, which could effectively provide living and industrial using electricity in some remote areas and tourism destination areas where have no electric power facilities and electricity network, and have no negative effect on environment.

WELLSEE charge controller WS-C2430 applies to all types of photoelectric panels and various types of batteries, MCU (Micro-Processing Controller) has PMW (Pulse Modulation Wide-frequency) 0~100% variable duty cycle process. Depending on the types and actual charging situation of the battery, WS-C series controller can provide the fast and best charging voltage and electricity from the PV panel. Solar Controller WS-C2430 are equipped with advanced man-machine interactive function, so the user can adjust the charging voltage.

Functions:

1. Overload protection
2. Short circuit protection
3. Converse discharge protection
4. Reverse polarity connection protection
5. Thunder protection
6. Low voltage protection
7. Overcharge protection
8. Batteries stop and charge voltage HVD sets up
9. Charge and low voltage LCD sets up
10. Display the capability of the battery SOC
11. Loads and comeback setups.
12. Intellectualized temperature compensation
13. Record and calculate the charged AH and display it on the LCD screen.
14. Record and calculate the discharged AH and display it on the LCD screen.
15. CPU control and LCD display

TECHNICAL INDEX:

Model	WS-C2430 20A	WS-C2430 25A	WS-C2430 30A
Rated Voltage	12V/24V Automatic voltage recognition		
Max Load current	20A	25A	30A
Input voltage range	12V-17V / 24V-34V		
Length≤1m Charge loop drop	0.25V		
Length≤1m Discharge loop drop	0.05V		
Over voltage protection	17V / 34V		
Full charge cut	13.7V / 27.4V		
Low voltage cut	10.5V-11V / 21V-22V		
Temperature compensation	-3mv/°C /cell		
No load loss	≤20mA		
Max wire area	4mm ²		