

SOLAR PANEL CONTROLLER 48V 40A



Features

Solar controller WS-C4860 40A/50A/60A (WELLSEE solar intelligent charge controller) is of stable quality and high reliability, and can be applied under various worse geological conditions. Its appearance and function design has reached international advanced level. Depending on the types and actual charging situation of the battery, WS-C controller series (Charge controller, Voltage controller) can provide the fast and best charging voltage and electricity from the PV panel. WELLSEE solar charge controllers 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. Reverse discharge protection
4. Reverse polarity connection protection
5. Thunder protection
6. Low voltage protection
7. Overcharge protection
8. Battery 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 calculate the charged AH and display it on the LCD screen.
14. Record calculate the discharged AH and display it on the LCD screen.
15. Working temperature:-25-100.

Technical Specification

Model	C4860 40A	C4860 50A	C4860 60A
Rated Voltage	48V		
Max Load current	40A	50A	60A
Full charge cut	54.8V Default value, can be reset		
Low voltage cut	42V Default value, can be reset		
Temperature compensation	-3mv/°C/cell		
No load loss	≤50mA		
Max wire diameter	12 mm ²		
Length≤1m Charge loop drop	< 0.24V		
Length≤1m Discharge loop drop	< 0.05V		
Ambient temperature	-25°C—55°C		
Solar panel Input voltage	≤80V		

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