

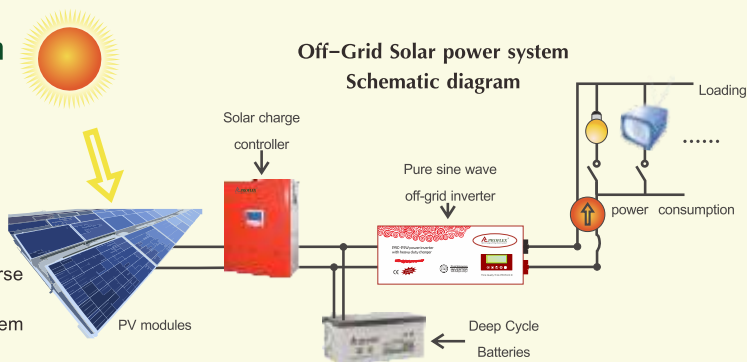


# Solar Controller For solar station

## PS Series Solar Controller For Off-Grid Power System

### Function & Features

1. Design for off-grid solar power system.
2. Applicable to different kinds of batteries.
4. Modular design with simple structure and easy maintenance.
5. Automatic power control function.
6. LCD display: Solar panel current, solar panel voltage, solar panel power, battery group voltage, charge current.
7. Perfect protection function: Solar reverse charge protection, Solar reverse connection protection, Battery reverse connection protection, Battery overcharge protection, Battery over current protection etc ,thus the system has higher reliability.



## PS12D80 / PS12D100 / PS12D120



PV Max. Power	960W / 1200W / 1440W	Stop charge voltage	15.0V±1
PV Max. input (open circuit) voltage	60V	Recharge voltage	13.5V±1
PV Rated current	80A/100A/120A	Work environment temperature	-30~60°C
Input PV module road number	1 circuits	Relative humidity	< 90% No condensation
Battery group rated voltage	12V	Applicable altitude	< 3000m
Display mode	LCD	Noise (1m)	< 40dB
Floating Charge Voltage (adjustable)	13.8V	Enclosure	IP20(Indoor)
Voltage drop between PV and battery	1.5V	Cooling method	Forced air cooling
Self-consumption	100mA-150mA	Product size	410x340x200mm

\*Communication interface (optional): RS485/USB/GPRS/Ethernet \*Temperature compensation(optional): -4mv/°C/2V, -35°C~80°C Accuracy:±1°C