



Solar Controller For solar station

PS24D50 / PS24D80 / PS24D100 / PS24D120



PV Max. Power	1200W / 1920W / 2400W / 2880W		
PV Max. input (open circuit) voltage	60V	Recharge voltage	27.0V±1
PV Rated current	50A / 80A / 100A / 120A	Self-consumption	100mA-150mA
Input PV module road number	1 circuits	Work environment temperature	-30~60°C
Battery group rated voltage	24V	Relative humidity	< 90% No condensation
Display mode	LCD	Applicable altitude	< 3000m
Floating Charge Voltage (adjustable)	27.6V	Noise (1m)	< 40dB
Voltage drop between PV and battery	1.5V	Enclosure	IP20(Indoor)
Stop charge voltage	30.0V±1	Cooling method	Forced air cooling

Product size: 410x340x200mm(50A, 80A) / 520x430x200mm(100A) / 720x570x230mm(120A)

PS48D30 / PS48D50 / PS48D60 / PS48D80



PV Max. Power	1400W / 2400W / 2880W / 3840W		
PV Max. input (open circuit) voltage	100V	Self-consumption	100mA-150mA
PV Rated current	30A / 50A / 60A / 80A	Work environment temperature	-30~60°C
Input PV module road number	1circuits/1C/1C/1 or 2 C	Relative humidity	< 90% No condensation
Battery group rated voltage	48V	Applicable altitude	< 3000m
Display mode	LCD	Noise (1m)	< 40dB
Floating Charge Voltage (adjustable)	55.2V	Enclosure	IP20(Indoor)
Stop charge voltage	58.0V±1	Cooling method	Forced air cooling
Recharge voltage	54.0V±1		
Voltage drop between PV and battery	1.5V	Product size	520x430x200mm

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