



# Solar Controller For solar station

## PS48D100



PV Max. Power	4800W	Self-consumption	100mA-150mA
PV Max. input (open circuit) voltage	100V	Work environment temperature	-30~60°C
PV Rated current	100A	Relative humidity	< 90% No condensation
Input PV module road number	1 circuits or 2 circuits	Applicable altitude	< 3000m
Battery group rated voltage	48V	Noise (1m)	< 40dB
Display mode	LCD	Enclosure	IP20(Indoor)
Floating Charge Voltage (adjustable)	55.2V	Cooling method	Forced air cooling
Stop charge voltage	58.0V±1		
Recharge voltage	54.0V±1	Product size	530x500x260mm(U)
Voltage drop between PV and battery	1.5V		

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

## PS48D150 / PS48D160 / PS48D200



PV Max. Power	7200W / 4680W / 9600W	Self-consumption	100mA-150mA
PV Max. input (open circuit) voltage	100V	Work environment temperature	-30~60°C
PV Rated current	150A / 160A / 200A	Relative humidity	< 90% No condensation
Input PV module road number	2 or 3 circuits / 2 or 3C / 2 or 4C	Applicable altitude	< 3000m
Battery group rated voltage	48V	Noise (1m)	< 40dB
Display mode	LCD	Enclosure	IP20(Indoor)
Floating Charge Voltage (adjustable)	55.2V	Cooling method	Forced air cooling
Stop charge voltage	58.0V±1		
Recharge voltage	54.0V±1	Product size	585x585x980mm(W)
Voltage drop between PV and battery	1.5V		

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