

PSc30A#12-48VPVS



Main Features

- Industrial-grade Micro Processor Control
- 12V,24V and 48V can be adaptive
- Built-in maximum power point tracking algorithm, the charging efficiency is 15%-20% higher than PWM mode
- With the charging overcurrent protection function, the controller will automatically reduce the charge current
- With the Solar reverse polarity protection
- With the Overtemperature protection
- With DC power supply function, can be connected DC energy-saving lamps
- Wall hanging case
- Application for off-grid solar power system



MPPT Solar Charge Controller



TECHNICAL PARAMETER

MODEL	PSc30A#12-48VPS
P.V. Input Features	
Input P.V. Range(Vdc)	165VDC MAX
Solar Charge Current(A)	30A Max
Solar Charging Features	
Normal Battery Voltage(Vdc)	12/24/48VDC
Battery Type Choose	Gel/Sealed/other(User-defined)
Fast Charge Voltage(Vdc)	14.0V ; X2/24V ; X4/48V other(User-defined)
Folat Charge Voltage(Vdc)	13.8V ; X2/24V ; X4/48V other(User-defined)
Overcharge Alarm Voltage(Vdc)	15.0V ; X2/24V ; X4/48V other(User-defined)
Overcharge Protection Voltage(Vdc)	15.0V ; X2/24V ; X4/48V other(User-defined)
Overcharge Recovery Voltage(Vdc)	13.6V ; X2/24V ; X4/48V other(User-defined)
DC Output Features	
DC Output Current(A)	30A Max
Overdischarge Alarm Voltage(Vdc)	11.0V/11.0V*2/11.0V*4
Overdischarge Protection Voltage(Vdc)	10.8V/10.8V*2/10.8V*4
Overdischarge Recovery Voltage(Vdc)	13.2V/13.2V*2/13.2V*4
PROTECTION	
Protection	Overcharge protection, Overdischarge protection, Solar reverse polarity protection, Overtemperature protection
Display Features	
Display method	LED+LCD
Display substance	PV status,Battery status,DC Output status,fault status
AMBIENT	
Noise(dB)	< 55dB (1 meter)
working Temperature	-20°C ~ 50°C
Humidity	0~95% (no condensation)
Sea Level(m)	≤1500
DIMENSION	
L×W×H (products size) mm	L205*W167*H93.5mm
L×W×H (package size) mm	L640*W565*H305mm
Weight(NW Kg)	2.1Kg
QTY PER CTN	8PCS/CTN
Packge Weight(GW Kg)	21Kg