



PC1500A Series
PWM Solar Charge Controller

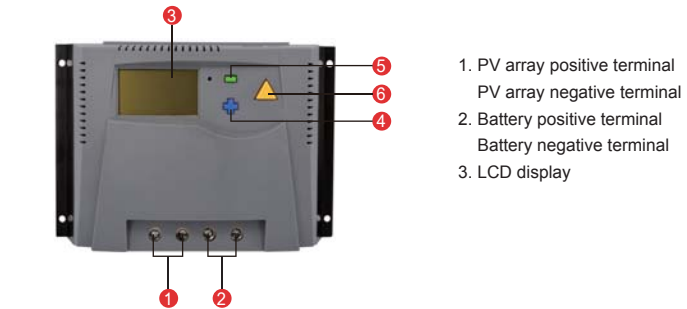
Feature:

- 10A 20A 30A 40A 50A 60A 80A solar charge controller
- Most parameters displayed explicitly.
- PWM charging mode with 4 stages(bulk, absorption, float and equalized).
- Adaptable to Sealed, GEL, Flooded and other customized battery type.
- Auto-detect battery voltage or maintain a fixed voltage
- All working parameters can be reset, saved and transferred to a computer or other terminal equipment.
- Besides regular input, output and battery protection, protection of over-current from solar panel is applied.
- Remote communication
- Self-timing

Introduction:

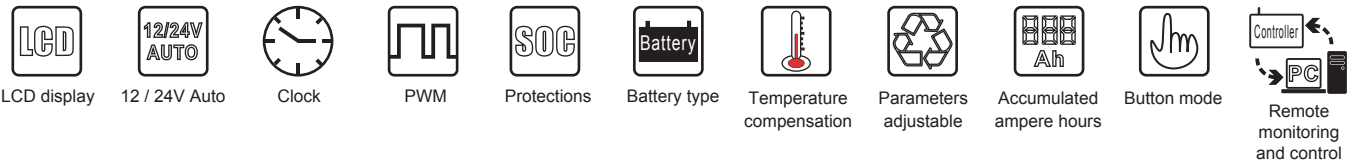
PC1500A series is a new series of intelligent multi-purpose solar charge controllers. Its innovative design makes it easy to install and quite user-friendly. Optimized charging and discharging management extends the service life of batteries considerably. Meanwhile, parameters are explicitly displayed. All parameter values can be set to meet various applications.

LCD Display Information

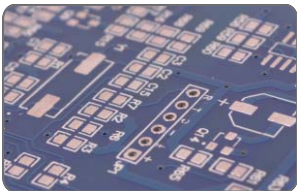


Button	Operation	Function
4. +	Short press	Next display page;Increase when setting parameters
	Long press (≥3 s)	Increase value continuously when setting parameters
5. -	Short press	Previous display page; Decrease when setting parameters
	Long press (≥3 s)	Reduce value continuously when setting parameters
6. ▲	Short press	Switch on/off load ; Enter setup/save parameters
	Long press (≥3 s)	Access/exit secondary loop interface

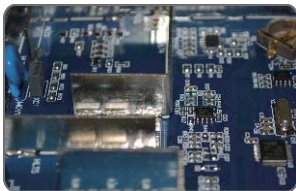
Functions:



Inner Details



Optimized circuit design



SCM accurate control



Selection of quality materials



Selection of quality materials

PC1500A SERIES Controllers

Model: PC1500A-30D/
3048D



Rated Voltage:
12V24V Auto identified or 48V
Rated Current: 30A

Model: PC1500A-40D/
4048D



Rated Voltage:
12V24V Auto identified or 48V
Rated Current: 40A

Model: PC1500A-50D/5048D
PC1500A-60D/6048D



Rated Voltage:
12V24V Auto identified or 48V
Rated Current: 50A, 60A

Model: PC1500A-70D/7048D
PC1500A-80D/8048D



Rated Voltage:
12V24V Auto identified or 48V
Rated Current: 70A, 80A

Application



RV, boat & field power supply
solar system



Off-grid
home solar system



Farm solar generation system

Specification

Note: PC1500A-70D / 80D / 7048D / 8048D no discharge control!

Model		PC1500A-70D	PC1500A-80D	PC1500A-7048D	PC1500A-8048D
SOLAR INPUT	Input voltage	≤50V		≤100V	
	Rated input current	70A	80A	70A	80A
	Charge loop voltage drop	≤0.19V		≤0.30V	
BATTERY	System voltage	12V / 24V Auto		48V	
	No load loss	≤13mA		≤16mA	
	Battery type	Sealed, GEL, Flooded, User customized			
	Charging mode	4 stage (Bulk, Absorption, Float, Equalized), PWM			
	Float charge voltage	13.8V (13V ~ 15V) x 1/ x 2/ x4			
	Absorption charge voltage	14.4V (13V ~ 15V) x 1/ x 2/ x4			
	Equalized charge voltage	15.1V (13V ~ 15.5V) x 1/ x 2/ x4			
	Temperature compensation	-4mV / Cell / °C			
RELATED	Max wire size	25mm² (AWG 3#)			
	Working temperature	-20°C~55°C			
	Working humidity	10% ~ 90%, no condensation			
	Dimension (L x W x H)	220mm x 153mm x 77mm			
	Net weight	1350g			

* Product specifications are subject to change without further notice.