



Model: PC1500B-60DU

PC1500B Series PWM Solar Charge Controller

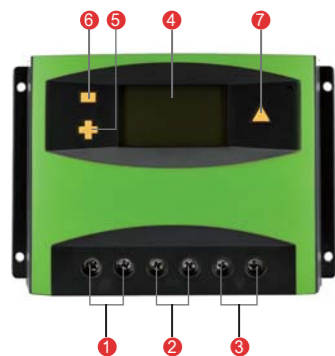
Feature:

- 10A 20A 30A 50A 60A solar charge controller
- Vivid LCD graphic symbols
- Simple button operation
- Automatic identification of system voltage level
- Intelligent PWM charging mode
- Adjustable charge-discharge protection
- Automatic temperature compensation
- Settable operation mode of load
- Battery reverse-discharge protection
- Battery low voltage disconnection(LVD)
- Battery reverse connection protection
- Over current protection
- USB output

Introduction:

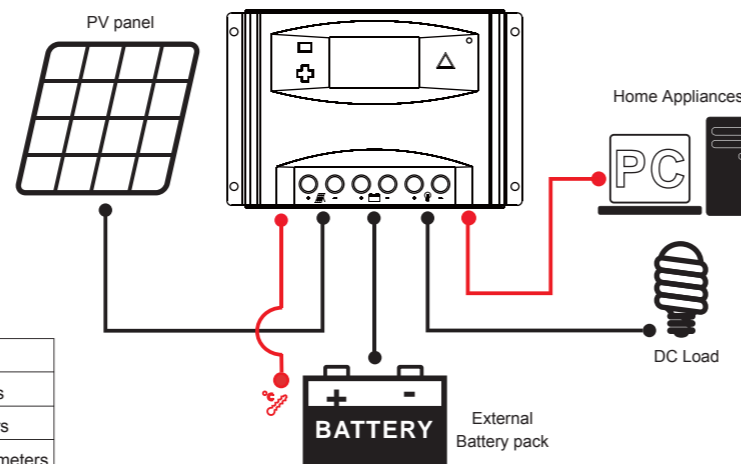
This intelligent, multi-purpose solar charge and discharge controller has a very friendly interface of fixed LCD display. Various control parameters can be flexibly set, fully meet your various application requirements.

LCD Display Information



1. PV array positive terminal
2. PV array negative terminal
3. The load positive terminal
4. The load negative terminal
5. LCD display

Solar System Connection

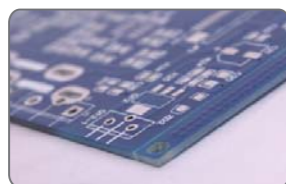


Button	Operation	Function
5. +	Short press	Next display page; Increase when setting parameters
	Long press (≥3 s)	Increase value continuously when setting parameters
6. -	Short press	Previous display page; Decrease when setting parameters
	Long press (≥3 s)	Reduce value continuously when setting parameters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

Inner Details



Stability, high efficiency, high integration



Optimized circuit design



SCM accurate control



Selection of quality materials

PC1500B SERIES Controllers



Model: PC1500B-20DU



Rated Voltage: 12V/24V Auto identified
Rated Current: 20A
USB Port: 5V, 1A x 2

Packing info: 30pcs / carton
Carton size: 535mm x 425mm x 200mm
Gross weight: 12Kg
Volume: 0.045m³



Model: PC1500B-30DU



Rated Voltage: 12V/24V Auto identified
Rated Current: 30A
USB Port: 5V, 1A x 2
LCD screen size: 2.2"

Packing info: 30pcs / carton
Carton size: 535mm x 425mm x 200mm
Gross weight: 12Kg
Volume: 0.045m³



Model: PC1500B-50D / 5048D

Rated Voltage: 12V/24V Auto identified or 48V
Rated Current: 40A, 50A

LCD screen size: 2.6"
Temperature sensor port: x1
Communication port: RJ45 (Optional)

Packing info: 24pcs / carton
Carton size: 545mm x 425mm x 205mm
Gross weight: 14Kg
Volume: 0.047m³



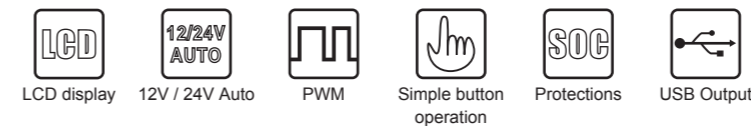
Model: PC1500B-60D / 6048D

Rated Voltage: 12V/24V Auto identified or 48V
Rated Current: 60A

LCD screen size: 2.6"
Temperature sensor port: x1
Communication port: RJ45 (Optional)

Packing info: 24pcs / carton
Carton size: 545mm x 425mm x 205mm
Gross weight: 17Kg
Volume: 0.047m³

Functions:



Specification

	Model	PC1500B-50D	PC1500B-60DU	PC1500B-5048D	PC1500B-6048D	
INPUT	PV voltage	≤50V			≤100V	
	Rated current	40A	50A	60A	40A 50A 60A	
OUTPUT	System voltage	12/24V Auto			48V	
	High voltage disconnection	16.00V x 1/ x 2/ x 3/ x 4 (0.5V)				
	Rated discharging current	40A	50A	60A	40A 50A 60A	
	No load loss	≤13mA			≤25mA	
	Charge loop voltage drop	≤0.21V	≤0.24V	≤0.25V	≤0.25V	
	Discharge loop voltage drop	≤0.12V	≤0.10V	≤0.12V	≤0.10V	
	Charging mode	PWM 4-stage bulk, absorption, float, equalized				
	Float charging voltage	13.8V (13V~15V) x 1/ x 2/ x 3/ x 4				
	Absorption charging voltage	14.4V (13V~15V) x 1/ x 2/ x 3/ x 4				
	Equalized charging voltage	14.6V (13V~15.5V) x 1/ x 2/ x 3/ x 4				
OTHER	Low voltage protection	10.7V (10V~14V) x 1/ x 2/ x 3/ x 4				
	Low voltage reconnecting	12.6V (10V~14V) x 1/ x 2/ x 3/ x 4				
	USB output	5V, 1A			None	
	Installing cables size	≤6mm ²	≤16mm ²	≤6mm ²	≤16mm ²	
	Working temperature	-20°C~55°C				
	Dimension(L x W x H)	188mm x 95mm x 46.5mm				
	Net weight	355g	360g	355g	360g	

* Product specifications are subject to change without further notice.