

## CD-B Series Charge Controller



### Features

- Intelligent control system;
- Series-connected PWM control technique to maximize the battery's charging efficiency;
- Digital LCD to display the operating status of the system;
- Digital clock display with high-precision and real-time calendar chip;
- Buttons for operating parameters setting;
- The terminal blocks quality, excellent insulation property, reliable and safe connection, anti-aging;
- Perfect protection function, overcharge, over-discharge, overload, anti-reverse-irrigation and warning protection function to prolong the battery's life and ensure the MTBF hours;
- Restore factory settings function;

## Specification

Model	CD-B1230CM CD-B2430CM CD-B4830CM	CD-B1240CM CD-B2440CM CD-B4840CM	CD-B1250CM CD-B2450CM CD-B4850CM	CD-B1260CM CD-B2460CM CD-B4860CM	CD-B1270CM CD-B2470CM CD-B4870CM
System Voltage	12V/24V/48V				
Rated Current(A)	30A	40A	50A	60A	70A
Rated Load Current(A)	30A	40A	50A	60A	70A
Charging Mode	PWM Pulse Width Modulation				
Protection	Charging reverse protection, Battery overcharge, Battery overdischarge, Overload, Short circuit, Battery reverse protection				
Overload Protection	When the load current exceeds 1.25 times the rated current, about a minute controller automatically disconnect the load; when the load current exceeds the rated current 1.5 times, about 15 seconds the controller automatically disconnect the load;				
No-load Power Consumption	≤100Ma				
Over-discharge Protection Point	11.1V; X2/24V ; X4/48V (Settable)				
Over-discharge Recovery Point	12.5V; X 2/24V				
Overcharge Protection Point	14.5V; X 2/24V				
Charging Circuit Voltage Drop	≤0.3V				
Load Circuit Voltage Drop	≤0.26V				
Operating Temperature	—20~55℃				
Operating Altitude	≤4500m				
Dimension	235×115×75(mm)				
Net Weight	1.11Kg				