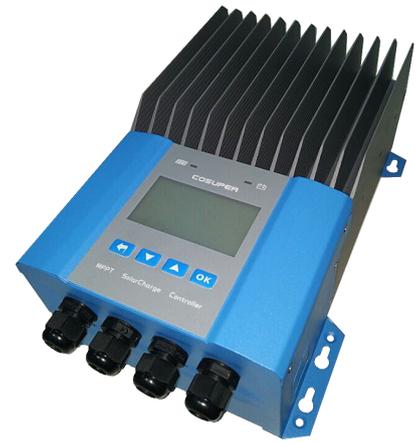


Features

- 12V/24V/36V/48V auto
- Aluminum frame, can be used in all kinds of harsh environment
- Dual wave or multiple peaks tracking technology ,when the panels are shadows shade or part of the panels are damaged ,I-V curve will appear multiple wave ,controller still can accurately track the maximum power point
- The use of advanced digital power technology ,Circuit energy conversion efficiency is as high as 98%
- Multiphase control technology ,with automatic current-limiting charging mode ,reducing the ripple , Improving the system efficiency
- High speed high performance dual processor architecture ,improve the response speed of the system , optimize the performance of the system
- RS - 232, the RS485 communication way to maximize meet the needs of different occasions
- Support for data storage , Storage time for 5 year
- Four stages of optimizing charging control:MPPT-Equalizing charge -Improve charging-Floating charge
- Protection:over heat,over charging,Input/output reverse connection ,short circuit ,TVS lightning protection



Specifications

Models	CMP-45	CMP-60
Rated Charge/Load Current	45A	60A
Battery Voltage	12/24/36/48VDC	
Absorb Charge Voltage	15.0~15.5±0.3(15.2)VDC	
Float Charge Voltage	13.2~14.0±0.3(13.8)±0.3VDC	
Recommended PV Open voltage	150VDC	
Protection	Over Charge and Discharge, Short Circuit , Reverse Polarity	
Under Voltage Warning	11±0.3 /2*(11)±0.3 /4*(11)±0.3VDC	
Under Voltage Warning	10.5±0.3 /2*(10.5)±0.3 /4*(10.5)±0.3VDC	
PV power (max)	12V 600W	12V 800W
	24V 1200W	24V 1600W
	36V 1800W	36V 2400W
	48V 2400W	48V 3200W
No Load loss	Control≤1.5W	
Temp. compensation	-13.2mv/°C (*2 for 24vdc,*4 for 48vdc)	
Operation Temp	-35~45°C	
Control Mode	4 stage MPPT charge mode	
Cooling	Natural (no fan)	
Temperature Compensation	Option	
Certification	CE	
Weight (kg)	4.2	4.8
Size (L*W*H) (mm)	286.7*170*128	318.7*170*128

*Note: The Specifications are subject to changes without notice.