

Features

- The controller carried with LCM module which can display system status and parameters;
- Temperature compensation become more accurate due to Double temperature sensors design, inner temperature sensor test the inner temperature of the controller, outer temperature sensor test the outer temperature of the controller;
- The controller could figure out everyday's power of charge and discharge which make user assess the controller and entire system more easily
- With the charging current overload protection function, the controller will reduce the charge current to protect the charging current after it surpass the rated current.
- Three kinds of load work model purely light-operated, light-operated+ time controlled, long-term on mode;
- Industrial-grade chips and precision components makes the controller can operate in any harsh environment;
- The setting parameter possess the saving function which makes the parameter won't be erased after losing the electricity and system become more reliable.



Specifications

Models	CPW-30C	CPW-45C	CPW-60C
Rated Charge/Load Current	30A	45A	60A
Battery Voltage	12/24VDC		
Absorb Charge Voltage	14.9±0.3 /2*(14.9)±0.3		
Float Charge Voltage	13.8±0.3 /2*(13.8)±0.3		
Recommended PV Open Circuit	18/36		
Recommended PV Open Circuit Voltage (Approx)	140VDC		
Automatic Protection	Over Charge and Discharge, Short Circuit , Reverse Polarity		
Under Voltage Warning	11.5±0.3 /2*(11.5)±0.3		
Under Voltage Protection	11.1±0.3 /2*(11.1)±0.3		
Charge Status Indicator Lights	Green-Ready, Yellow-charging		
Light Control DC Output	Auto night switch on and day switch off with timing control		
No Load Current	≤10mA		
Operation Temp	-35~85°C		
Control Mode	3 stage PWM charge mode		
Cooling	Natural (no fan)		
Light Control DC Output	Yes		
Time Control DC Output	Yes		
Temperature Compensation	option		
Certification	CE		
Weight (kg)	0.9	1.08	1.28
Size (mm)	180.7*111*72	180.7*142*72	180.7*170*72

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