

Product Info | Solar Charge Controller

MPPT Series

CM-80/CM-100/CM-120

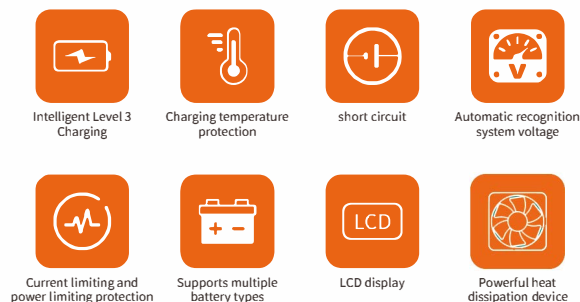


CM-40/CM-60



CM-40/CM-50/CM-60/CM-80/CM-100/CM-120

The main function



parameter name	Parameter Value					
Product number	CM-40	CM-50	CM-60	CM-80	CM-100	CM-120
System voltage	12V/24V/36V/48V Self identification					
Load loss	≤0.4W					
Solar maximum input voltage	180V(25°C), 160V(-25°C)					
Battery voltage	9~64V					
Maximum power voltage range	Storage battery voltage+2V~150V					
Rated charging current	40A	50A	60A	80A	100A	120A
Rated load current	20A			40A		
Maximum input power of solar panel	480W/12V 960W/24V 1440W/36V 1920W/48V	600W/12V 1200W/24V 1800W/36V 2400W/48V	720W/12V 1440W/24V 2160W/36V 2880W/48V	960W/12V 1920W/24V 2880W/36V 3840W/48V	1200W/12V 2400W/24V 3600W/36V 4800W/48V	1440W/12V 2880W/24V 4320W/36V 5760W/48V
Conversion efficiency	≤98%					
MPPT tracking efficiency	>99%					
Temperature compensation	-2mV/°C/2V(default value)					
Operating temperature	-10°C~+65°C					
Protection level	IP21					
Electromagnetic compatibility	conform to EN61000, EN55022, EN55024					
way of communication	Rs485 Need to buy					
Altitude	≤3000 meters					
net weight	1360g			2900g		
Gross Weight	1540g			3150g		
Product Size	242x188x67mm			313x225x105mm		
Package Size	275x218x98mm			345x260x145mm		
Car ton size	506x400x240mm			650x360x290mm		
Packing specifications	8 Table/Box			4 Table/Box		

