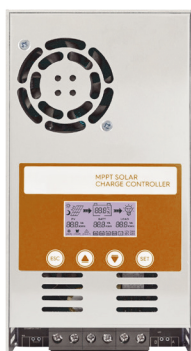


Product Info | Solar Charge Controller

MPPT Series

LM-4048/LM-6048



parameter name	Parameter Value	
Product number	LM-4048	LM-6048
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	60A
Rated load current	20A	
Maximum input power of solar panel	480W/12V 960W/24V 1440W/36V 1920W/48V	720W/12V 1440W/24V 2160W/36V 2880W/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	1150g	1250g
Gross Weight	1250g	1350g
Product Size	214x115x50mm	
Package Size	305x140x73mm	
Carton size	425x300x285mm	
Packing specifications	10 Table/Box	

LM-4048/LM-6048

The main function



Intelligent Level 3 Charging



Charging temperature protection



short circuit



Automatic recognition system voltage



Current limiting and power limiting protection



Supports multiple battery types



LCD display



Powerful heat dissipation device

