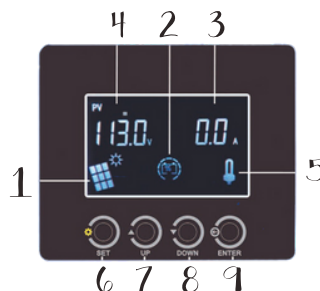
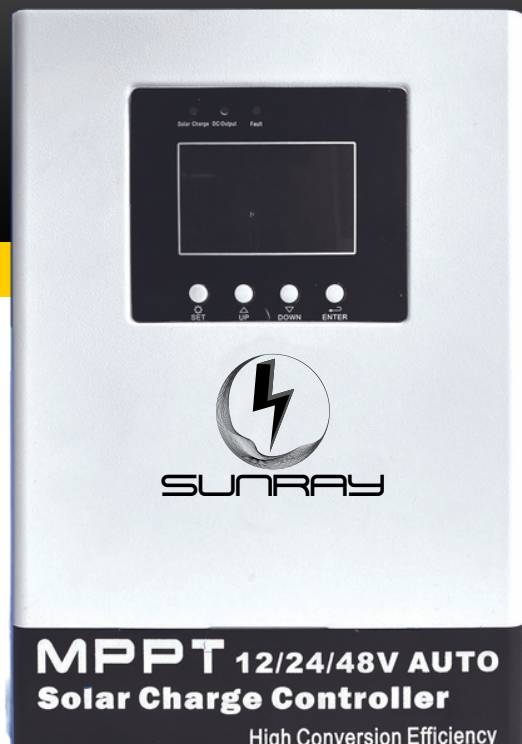




# MPPT SOLAR CONTROLLER

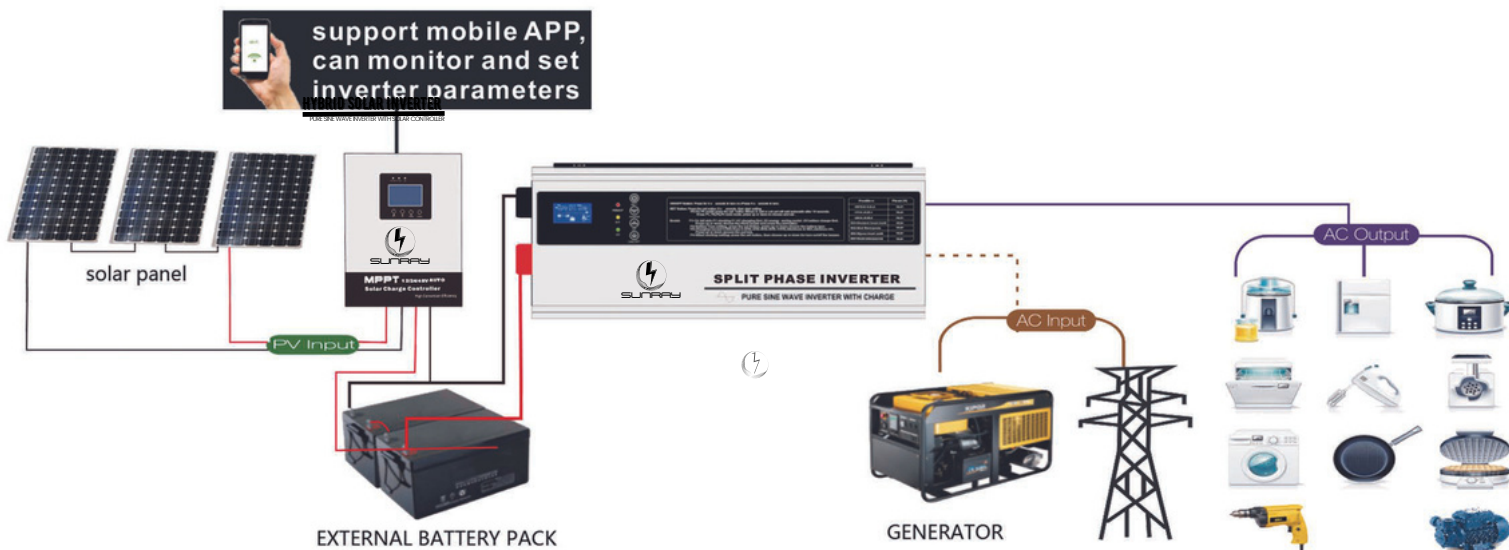
20A/30A/40A/50A/60A/80A/100A/120A/150A

12V/24V, 48V/96V, 12V/24V/48V  
Automatic identification voltage



No	LCD Caption
1	Solar Input
2	Battery capacity%
3	Solar Input Current
4	Solar Input Voltage
5	DC Output
6	⊙ SET /ESC menu
7	⊙ UP
8	⊙ DOWN
9	⊙ ENTER

- DSP Chip, digital with up to 12-bit precision guarantees the accuracy of MPPT.
- Support lead-acid battery/gel battery, lithium battery, and user-defined battery.
- PV input voltage range is wide, users can choose different numbers of solar panels according to actual conditions.
- The latest MPPT algorithm automatically tracks the maximum power point of the solar panel, tracking efficiency is up to 99% and the conversion efficiency in up to 98%.
- Under the maximum efficiency of energy collection conditions, fast charging, absorption charging, pulse charging, etc. are maintained to maintain the battery life.
- Can you PV voltage, PV power, battery voltage, charging current, operating temperature, fault code. The controller has overcharge, overdischarge, overload, open circuit protection, over temperature protection, short circuit automatic protection.



# SPECIFICATION

<b>Model</b>	30A	40A	30A	40A	50A	60A	80A	100A	120A	150A	100A
<b>Sistem Voltage</b>	12V/24V		12V/24V/48V							48V/96V	
<b>Charging Type</b>	MPPT Automatic Maximum Power Point Tracking										
<b>Charging Mode</b>	Fasting Charging, absortion charging, Pulse charging										
<b>System Mode</b>	DC 12V/24V/48V Automatic							DC 48V/96V Automatic			
<b>Efficiency</b>	98%										
<b>Battery Voltage Range</b>	9V-16V (12VDC)		18V-30V (24VDC)		36V-60V (48VDC)		72V-120V (96VDC)				
<b>PV INPUT</b>											
<b>Operating Voltage and range</b>	14-130VDC (12 SYSTEM)		30-130VDC (24 SYSTEM)		72-160VDC (48 SYSTEM)		144-280VDC(96 SYSTEM)				
<b>LOW Voltage Protection</b>	16V (12V SYSTEM)		30V(24V SYSTEM)		60V(48V SYSTEM)		120V(96V SYSTEM)				
<b>LOW Pressure Recovery</b>	22V (12V SYSTEM)		34V(24V SYSTEM)		65V(48V SYSTEM)		130V(96V SYSTEM)				
<b>Overvoltage Protection</b>	135V (12V/24V SYSTEM)		160V(48V SYSTEM)		280V(96V SYSTEM)						
<b>CHARGING CHARACTERISTICS</b>											
<b>Selectable battery Type</b>	Lead-acid battery, lithium battery										
<b>Undervoltage Shutdown</b>	10.2V(12VDC) / 20.4V(24VDC) / 40.8V(48VDC) / 81.6V (96VDC)										
<b>Undervoltage Recovery</b>	11.5V(12VDC) / 23V (24VDC) / 46V (48VDC) / 92V (96VDC)										
<b>Battery Overvoltage Protection</b>	14V(12VDC) / 28V (24VDC) / 56v (48VDC) /112V (96VDC)										
<b>Charging Current</b>	30A	40A	30A	40A	50A	60A	80A	100A	120A	150A	100A
<b>Over Temperature Alarm</b>	75°C										
<b>Over Temperature Recovery</b>	65°C										
<b>Over Temperature Recovery</b>	65°C										
<b>Size(mm)</b>	160X140X50		320X200X100		330X250X110			390X260X140			
<b>Packing Size(mm)</b>	200X160X65		330X200X110		340X260X120			470X355X205			
<b>Weight (KG)</b>	1,2	1,4	2,2	2,2	3,2	3,2	3,5	10			