

MPPT



>> SMP-60A



FEATURES

1. The product boasts an optimum MPPT tracking efficiency of up to 99.9%.
2. Different charging program options including those for gel batteries, sealed batteries and open batteries, customized ones, etc. are available.
3. The controller is equipped with an LCD screen with which users can not only check device operating data and statuses, but also modify controller parameters.
4. Featuring a temperature compensation function, the controller can automatically adjust charging and discharging parameters in order to extend the battery's service life.
5. The controller features a limited current charging mode. When the solar panel power exceeds a certain level and the charging current is larger than the rated current, the controller will automatically lower the charging power and bring the charging current to the rated level.

Technical Parameter

SMP-series

Model	SMP-60A
System voltage	12V/24V/36V/48V Auto
No-load loss	0.7 W to 1.2W
Battery voltage	9V to 70V
Max. solar input voltage	150V (25°C), 145V (-25°C)
Max. power point voltage range	Battery voltage +2V to 120V
Rated charging current	60A
Rated load current	20A
Max. capacitive load capacity	10000uF
Max. photovoltaic system input power	800W/12V; 1600W/24V; 2400W/36V; 3200W/48V
Conversion efficiency	≤98%
MPPT tracking efficiency	>99%
Temperature compensation factor	-3mv/°C/2V (default)
Operating temperature	-35°C to +45°C
Waterproof level	Ip32

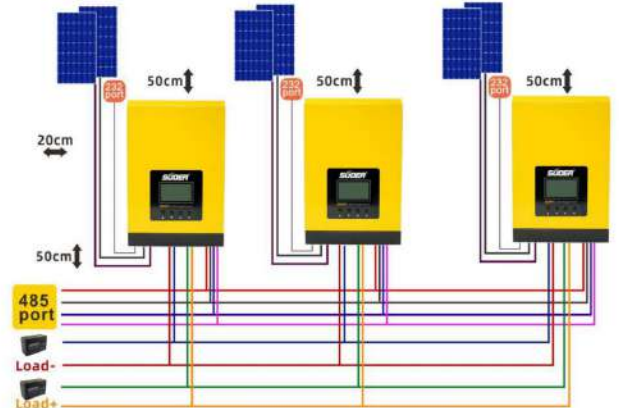
Mppt Solar Charge Controller



SMP-60A

Three controllers in parallel:

Power Connection



NOTE: For proper air circulation to dissipate heat, allow a clearance of approx. 20 cm to the side and approx. 50cm above and below the unit. Be sure to install each unit in the same level.