

# RSCF-60A

## MPPT Solar Charge Controller



30% higher than PWM mode



MPPT tracking efficiency is up to 99.9%



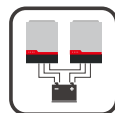
Full-range electronic protection function



Cold air cooling. Built-in temperature detection, can operate in extreme environments, and automatically adjust parameters through external temperature probe to improve battery life



Modbus protocol



Can be used in parallel machine, up to 16 parallel machines can be supported.



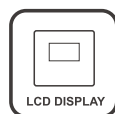
Battery Automatic identification



Current-limiting charging mode



1 years  
Historical data storage



LCD display

	RSCF-60A
System Voltage	12V/24V/36V/48V
Static power consumption	<0.5W
Battery voltage	9~64V
Maximum input voltage of solar energy (25°C)	150V
Voltage Range at MPPT (Maximum Power Point)	Battery voltage +2 ~ 120V
Rated charging current	60A
Rated load current	40A
PV system maximum input power	800W/12V 1600W/24V 2400W/36V 3200W/48V
Support battery type	AGM Battery,GEL Battery, Flooded Battery,Lithium Battery
Temperature compensation coefficient	-3mV/°C/2V (default)
Operating temperature	-10°C ~+65°C
Humidity	95%, no condensation
Protection grade	IP32
Weight	3.6Kg
Communication mode	RS485
Product dimensions	275×167×82(mm )
Terminal blocks	20mm2/4AWG
Functional authentication	IEC62509-2010

## Structural parts description

