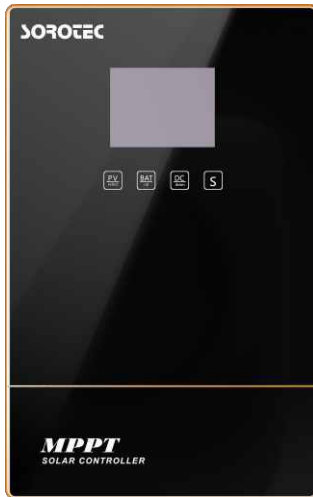
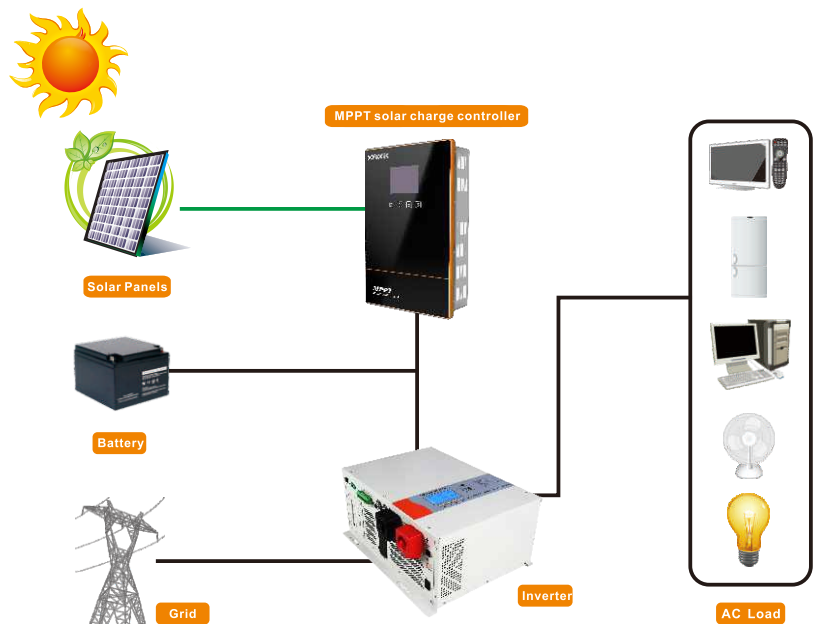


Solar Charge Controller



Key Features:

- Touch buttons
- Unlimited parallel connection
- Compatible with lithium battery
- Intelligent Maximum Power Point Tracking technology
- Compatible for PV systems in 12V, 24V or 48V
- Three-stage charging optimizes battery performance
- Maximum efficiency up to 99.5%
- Battery temperature sensor (BTS) automatically provides temperature compensation
- Support different type of lead-acid batteries including wet, AGM, and gel batteries
- Multifunction LCD display detailed information



Application:

Solar charge controller is mainly used for solar power station, solar power system for house, solar street light control system mobile solar power system, DC wind solar generating system.

Solar Charge Controller

Solar Charge Controller		40A	60A	80A	100A	120A	160A
Controller Properties		MPPT (Maximum Power Point Tracking)					
System Voltage		Auto-recognition					
Heat-dissipation		Forced air cooling					
Input							
MPPT Range @Operating Voltage	12V	15-115VDC					
	24V	30-115VDC					
	48V	60-115VDC					
MAX. PV Input Voltage		150VDC					
PV Rated Power	12V	520W	780W	1040W	1300W	1560W	2080W
	24V	1040W	1560W	2080W	2600W	3120W	4160W
	48V	2080W	3120W	4160W	5200W	6240W	8320W
Output							
Nominal Battery Type		AGM , Flooded & Customized,Lithium					
Battery Voltage		12V/24V/48V automatic detection					
BTS		Yes					
MAX. Efficiency		98%					
Charge Method		4 stages: Bulk , Absorption , Float, Equalization					
Parallel Function		Yes					
Protection		Input over / low voltage, output over / low voltage, reverse connection, over temperature, short circuit, battery shedding etc.					
Overload		>110% ,Audible Alarm					
Overcharge		Yes					
Display & Communication							
Display		High definition LCD segment backlight display					
Communication		RS485,RS232,CAN					
Environment							
Humidity		0-90% RH(No condensing)					
Operation Temperature		0°C - +55°C					
Storage Temperature		-40°C - +75°C					
IP (Ingress Protection)		IP21					

STANDARD:EN 62040-1:2008+A1:2013 EN 60420-2

Note: Product specifications are subject to change without further notice.

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