

MPPT Solar Charge controller

MPPT series 10A to 60A



Features

- ⊙ 12V/24V /48V auto.work.
- ⊙ Multi-stage charging optimizes battery performance.
- ⊙ MPPT efficiency >99.7%, peak conversion efficiency 98.5%.
- ⊙ Wide range solar PV voltage input 17-120V dc.
- ⊙ Compatible with GEL,AGM,Flooded,Sealed lead acid and lithium battery.
- ⊙ LCD display,system information intuitively.
- ⊙ Comprehensive protection.
- ⊙ Excellent heatsink cooling design, quiet operation.



LCD display



MPPT



12/24V Auto



Protections



Battery type



Parameters adjustable



button mode



Temperature compensation



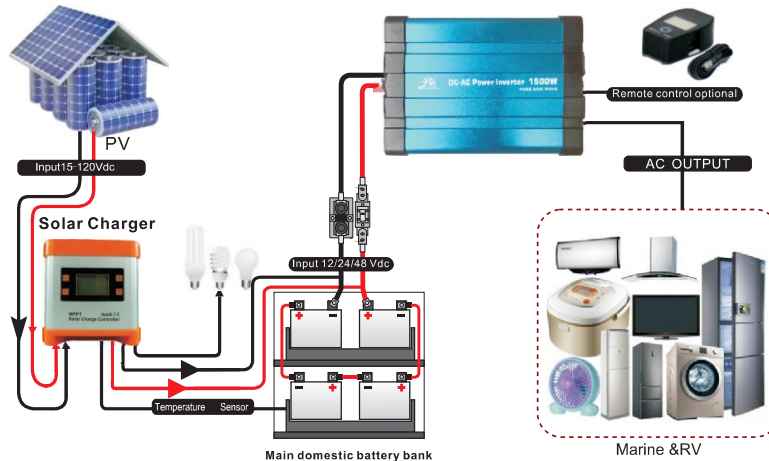
USB Output

Inverter

12V/24V/48V DC



Application Diagram



Model choose sheet

Model	MPPT 12/24-10A	MPPT 12/24-20A	MPPT 12/24-30A	MPPT 12/24/48-40A	MPPT 12/24/48-50A	MPPT 12/24/48-60A
Solar system voltage	12/24V auto.work			12/24V/48V auto.work		
PV operating voltage	12V 17-120V DC; 24V 34-120V DC; 48V 68-120V DC;					
Max.PV input power	12V 130W 24V 260W	12V 260W 24V 520W	12V 390W 24V 780W	12V 520W 24V 1040W	12V 650W 24V 1300W	12V 780W 24V 1560W
Rated output current	10A	20A	30A	40A	50A	60A
Rated DC load current	10A	20A	30A	40A	50A	60A
Max.conversion efficiency	99.70%					
Protection	PV array short circuit, over charging, battery reverse polarity, output short circuit					
Battery type	Sealed, Gel, AGM, Flooded, Lithium battery					
Charging algorithm	3 stage: Bulk, Absorption, Float					
Bulk charge voltage	Sealed 14.4V AGM 14.2V GEL: 14.2V Flooded 14.6V					
Float charge voltage	Sealed/Gel/AGM:13.8V, Flooded 13.7V					
Equalize charge voltage	Sealed 14.6V AGM:14.8V, Flooded 14.9V					
Dimension(L*W*H)	17*17*10cm			27.6*17.5*9.3cm		
Net weight	1.3kg		2.2kg		2.3kg	
Gross weight	1.5kg		2.4kg		2.5kg	
Warranty	two years					