

Mppt controller

Series 500W-1000W



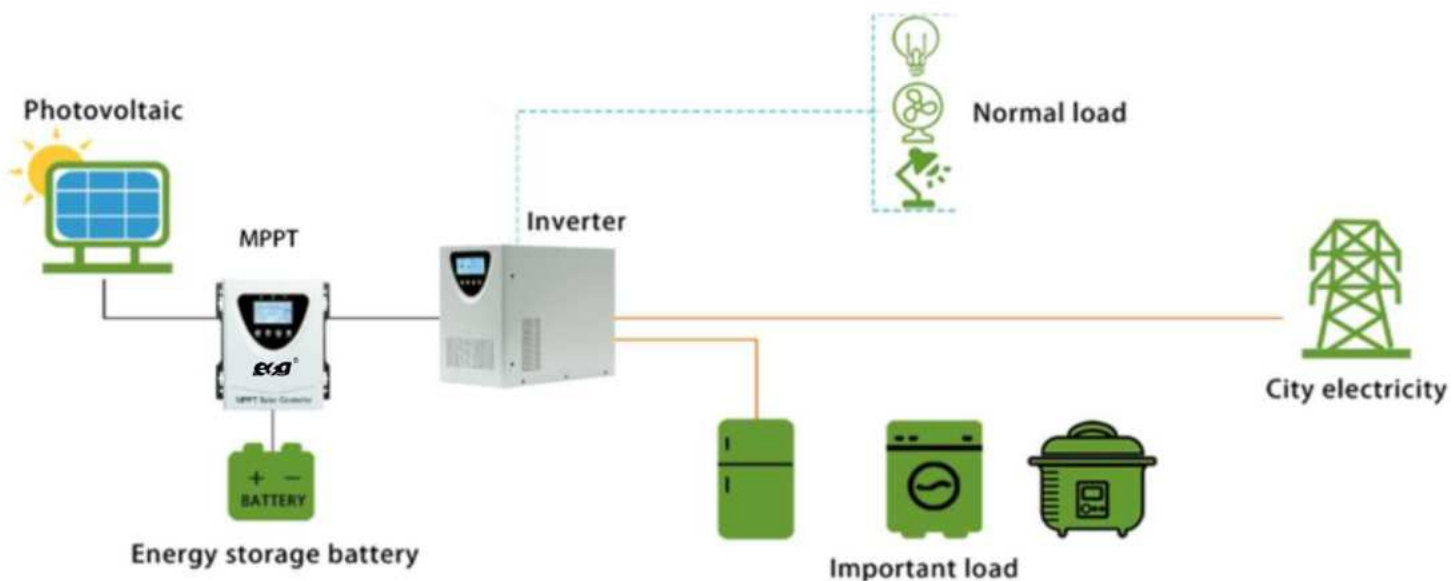
Product features

1. Pure sine wave ac output, complementary to the mains, automatic cutting, mains charging;
2. Utility mode/Eco mode/Battery mode optional(Flexible application);
3. Charging type/Battery type /Lithium Battery optional(Convenient utility)
4. Smart Fan Control(Safe reliable);
5. LCD real-time display the parameters of the equipment(Running status be clear at glance);
6. Output overload/Short circuit protection/Over-temperature
7. Can choose single inverter/photovoltaic inverter control machine;
8. Battery level protection, battery voltage automatic back to normal after the voltage output, truly unattended function.

Inverter applications

1. Independent household type household photovoltaic power generation systems, wind power generation system, wind-light complementary system, UPS power supply system.
2. Communication base station system, highway intelligent monitoring system.
3. Outdoor advertising, government demonstration project, landscape lighting engineering.
4. Island fishing boat, remote mountainous areas, border posts and other photovoltaic power generation systems.

Solar System Connection



Technical Specifications:

Models	MPPT-20	MPPT-30	MPPT-40	MPPT-50	MPPT-60	
basic parameters	controller type		controller with maximum power point tracking(mppt)function			
	efficiency		≥96%			
	no-load loss		1.5~2.5W			
	system volt.		automatic recognition/manual adjustment			
	cooling method		wind cooling			
Input characteristics	pv voltage max.		DC170V			
	stait charging voltage point		3V higher than battery voltage			
	Input over voltage protectiopoint		DC170V			
	maximum power of solar panel	12V	280W	420W	560W	720W
24V		560W	840W	1123W	1200W	1440W
48V		1120W	1658W	2246W	2400W	2880W
96V		2240W	3370W	4493W	4800W	5760W
output characteristics	applicabattery type		lead-acid battery, gel battery, lifepo4, ternary lithium, custom			
	rated charging current		20A	30A	40A	60A
	charging method		three-stage charging: constant current, constant voltage, floating charge			
loadcharacteristic	rated load current		20A			
	load control		normally open normally closed mode			
others	display		lcd display			
	languane		english			
	communication		R485/GPRS(optional)			
	protection		DC overload protection Input and output over voltage protection, anti-reverse connection protection, high temperature protection			
	working temperature		-20℃~50℃			
	maximum wiring size		10m ²	20m ²		
	Product size (CM)		18*10*24.5			