

Solar power frequency inverter

Series 1000W-2000W



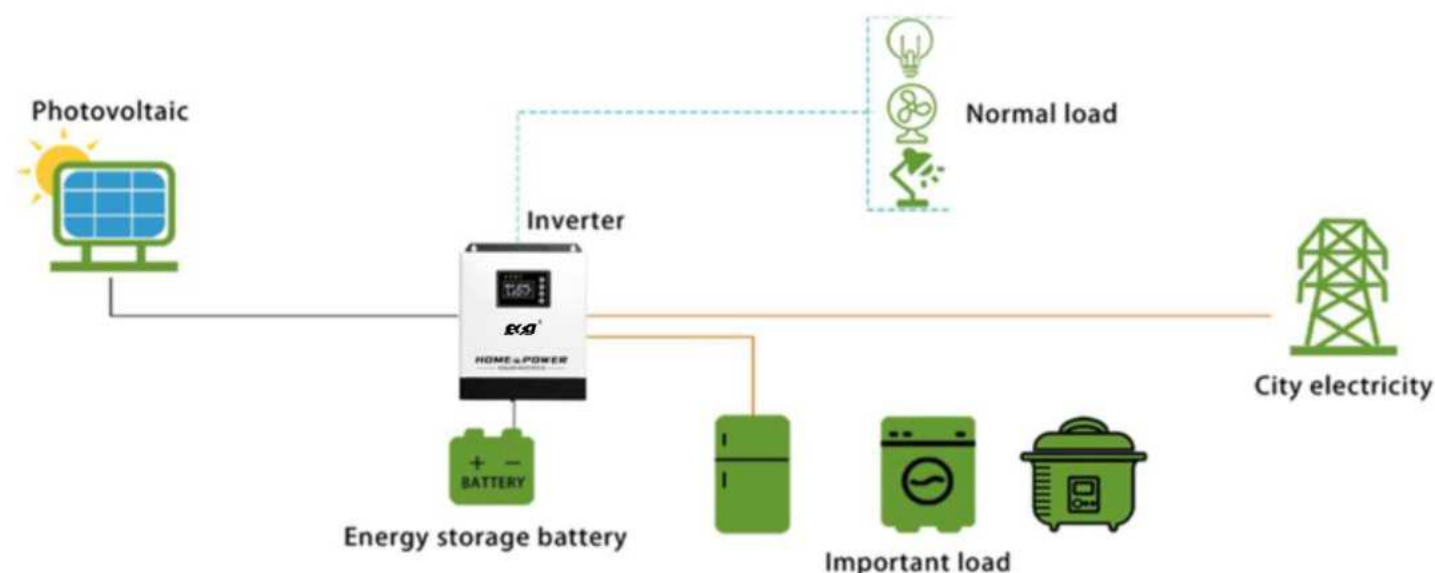
Product features

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:

Rated Power		600W/1000W	1000W/1500VA	2000W/3000VA
battery	rated voltage	12V/24V	12V/24V	12V/24V
	charging voltage	13.5V(±2%) 27.5V(±2%)	13.5V(±2%) 27.5V(±2%)	13.5V(±2%) 27.5V(±2%)
	Charging current	20A		
Input	voltage range	165-260VAC		
	Mains input frequency	50-60Hz		
	Solar controller type	PWM/MPPT		
	Solar input current	PWM/MPPT 30A-50A		
	Solar input voltage range	PWM12V24/(18-36VDC)/MPPT12V24V(18-60VDC)		
output	Voltage range	220VAC±5% (Inverter mode)		
	Frequency	50Hz/ 60Hz±1% (Inverter mode)		
	Wave form	Pure sine wave		
	Conversion time	<10ms (Typical load)		
	Conversion efficiency	>85% (80%Resistive load)		
	Pload	110-120%/30S; >160%/300ms		
	Protection	Battery over voltage and low voltage protection, overload protection, short circuit protection, over temperature protection, etc		
operating environment temperature		0-40°C		
storage environment temperature		-15-50°C		
operating/storage environment		0-90% No frost		
product dimensions(L*W*H)mm		260*106.2*320	260*106.2*320	280*126*360