

# U-type rack-type solar inverter

Series 500W-1000W



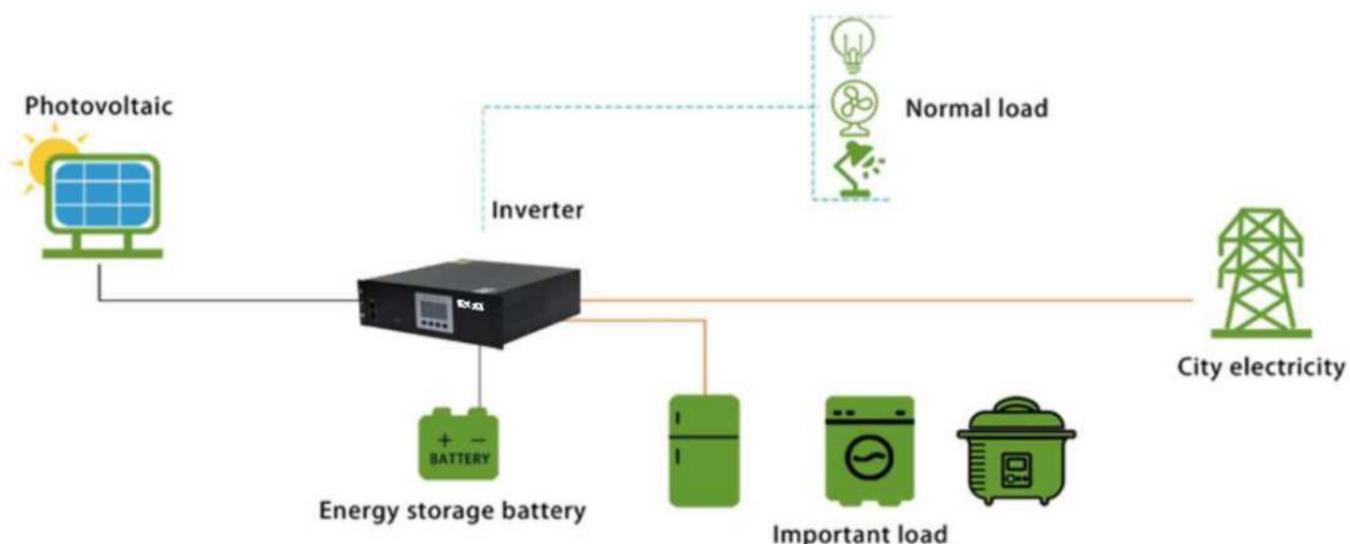
## Product features

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:

Rated Power		500W	1000W	2000W	3000W
battery	rated voltage	DC12V/24V		DC12V/24V/48V	DC12V/24V/48V
	charging voltage	13.5V 27.5V (±2%)		13.5V (±2%) 27.5V (±2%) 54V (±2%)	27.5V (±2%) 54V (±2%)
Input	voltage range	165-260VAC			
	frequency	45-50Hz			
	Solar energy as the input voltage	12/24(18-100VDC) 48V(60-180VDC)			
	Solar energy input current	20A-60A			
output	voltage range	220VAC±5% (Inverter model)			
	frequency	50Hz±1%(Inverter model)			
	output wave form	pure sine wave			
	transfer time	<10ms(representative load)			
	efficiency	>85%(80% resistive load)			
	over load	110-120%/30S:160%/300ms			
	protection	battery over-voltage, low-voltage protection, over load, short-cut, over moistures 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		430.8*485*135			