

INVERTER CHARGER INVERTER SERIES

1KW - 15KW



RV INVERTER CHARGER INVERTER SERIES

Technology Data

Model	SKN-ST-152	SKN-ST-153	SKN-ST-252	SKN-ST-5K	SKN-ST-6KW
Rated power	300W-600W	1KW-15KW	2KW-4KW	5KW-7KW	8KW-15KW
Battery					
Rated voltage	DC12V DC24V		DC24V DC48V	DC48V	DC96V DC192V
Charging voltage	13.5V/27.5(±2%)		27.5V/54V(±2%)	54V(±2%)	108V/192V(±2%))
Input					
Mains input voltage range	165-260VAC				
Mains input frequency	45-50HZ				
Solar input voltage ^e	12/24V(18-100VDC)		48V(60-180VDC)		
Solar output current	20A-60A				
Output					
Voltage range	220VAC ±5%(Inversion mode)				
Frequency	50HZ ±5%(Inversion mode)				
Output waveform	sine wave				
Conversion time	<10ms (Typical load)				
Efficiency	>85% Negative load)				
Overload	110-120%/30S > 160%/300ms				
Protection function	Battery over voltage and low-voltage protection, overload protection, short circuit protection, over temperature protection, etc				
Operating ambient temperature	0-40℃				
Storage ambient temperature	-15—+50℃				
Size(mm):	305x145x210	310x150x210	390x210x330	450x240x400	550x260x730
Weight(kg):	6	8	16	33	46



Automatic Recognition



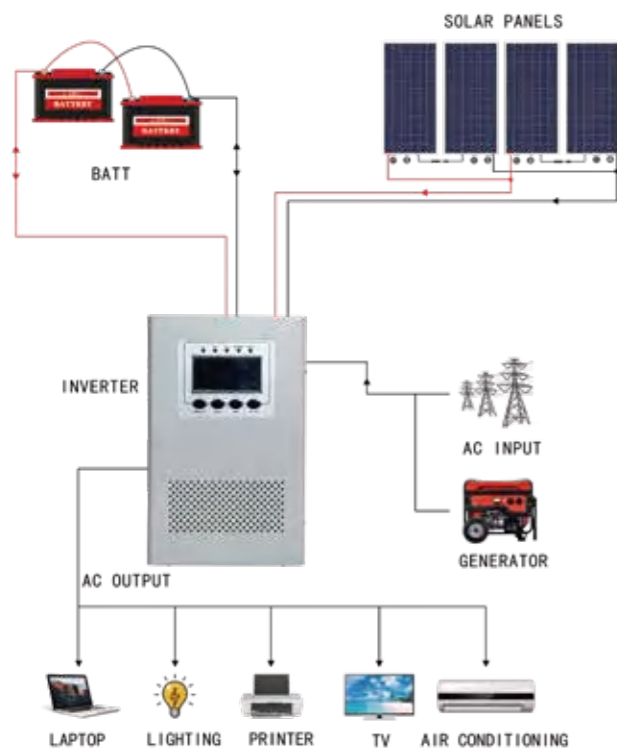
Efficient



Secure



Intelligent Fan



FUNCTIONS

- ST inverter efficiency is more than 85%
- New design, adapt to wide and narrow voltage, automatically recognize frequency .
- Full LED display, inverter function can be selected according to customer's use.
- 5 working modes to choose from: mains power priority, inverter priority, energy-saving mode, energy storage mode, and energy-saving mode
- More than 3 times the peak starting power, excellent load capacity.
- Smart fan (automatically adjust fan speed according to internal temperature).
- Power frequency technology, pure sine wave AC output, adapt to load capacity, no-load current is smaller, more energy-saving.
- Built-in AC 3-stage charging module, which can automatically adjust the charging current according to battery capacity and actual use (5A-30A).
- It has complete battery undervoltage, overload, short circuit protection and other comprehensive protection, safe and reliable1.

Product specification are subject to change without further notice.