

HSI-SERIES 2KVA-10KVA HYBRID INVERTER

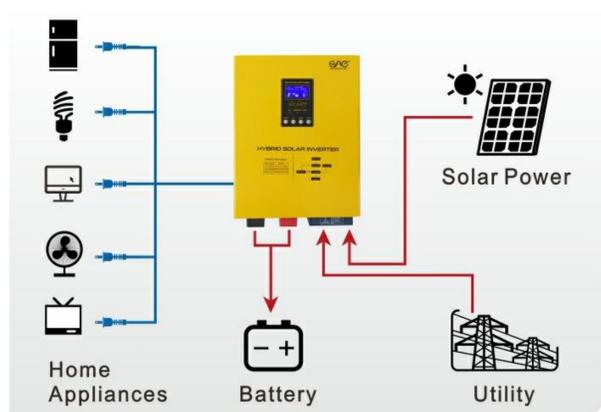
HYBRID INVERTER



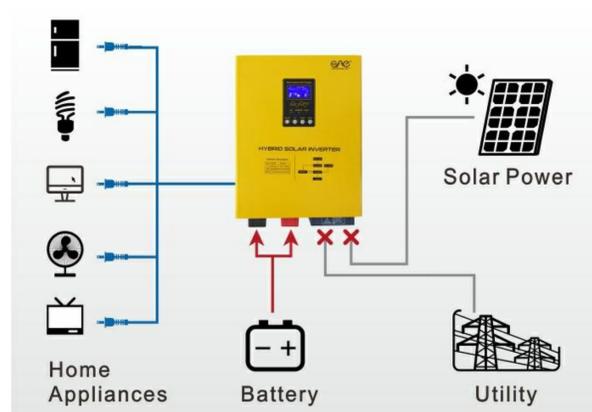
1. Built-in MPPT solar controller.
2. DSP Intelligent control chip.
3. Result fetched from effective value, not average value.
4. Photoelectricity isolation circuitry technology.
5. Switching power is supplied by the independent system.
6. True over temperature protection.
7. The full bridge rectifier and mainboard structure are highly optimized. Input and output circuits are isolated.
8. Strong loading capacity with a true onetime soft start.
9. New and original electronic components.
10. Internal circuit lines and signal lines are based on plug-pull blocks, not welding.

Hybrid Inverter with MPPT solar charge controller

1 Solar Power and AC Power available



2 Solar Power and AC Power not available



HSI-SERIES HYBRID INVERTER SELECTION GUIDE

MODEL	HSI-2KVA	HSI-3KVA	HSI-4KVA	HSI-5KVA	HSI-6KVA	HSI-8KVA
Rated Power	1.5KW	2KW	3KW	4KW	5KW	6KW
Surge Power	4.5KW	6KW	9KW	12KW	15KW	18KW
INPUT						
Voltage	220VAC					
Selectable Voltage Range	145-265VAC			165-275VAC		
Frequency Range	50Hz/60Hz±5Hz					
OUTPUT						
AC Voltage Regulation (Batt. Mode)	(DC Battery mode)220VAC±3%					
Transfer Time	≤5ms					
Waveform	Pure sine wave					
BATTERY						
Battery Voltage	12V/24V		24V/48V		48V	
Floating Charge Voltage	13.8V(12V) / 27.6V(24V) / 55.2V(48V)					
Overcharge Protection	17V(12V) / 34V(24V) / 68V(48V)					
SOLAR CHARGER & AC CHARGER						
Maximum PV Array Open Circuit Voltage	50VDC(PWM)		150VDC(MPPT)			
Maximum PV Array Power	850W	1150W	3400W			
Standby Power Consumption	15W					
Maximum Solar Charge Current	50A	40A	60A			
Maximum AC Charge Current	20A		35A			
Maximum Charge Current	50A	60A	95A			
PHYSICAL						
Dimension, D x W x H (mm)	410X282X150	460X332X150	490X332X170			
Net Weight (kgs)	10	14	17	18	19	20
ENVIRONMENT						
Humidity	0~95%(No condensation)					
Operating Temperature	0~60°C					
Storage Temperature	0~60°C					

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE