

HSI-SERIES 350W-1.2KW HYBRID INVERTER

HYBRID INVERTER

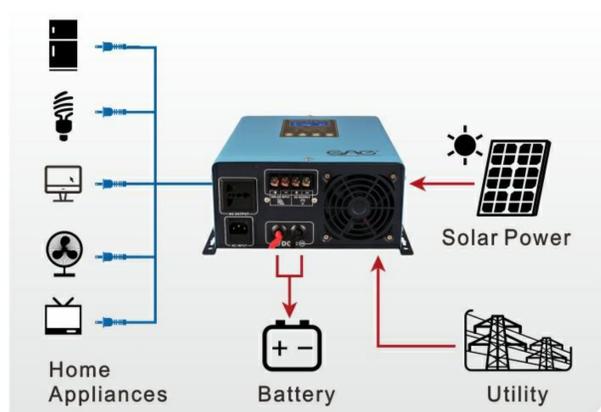


350W-1.2KW

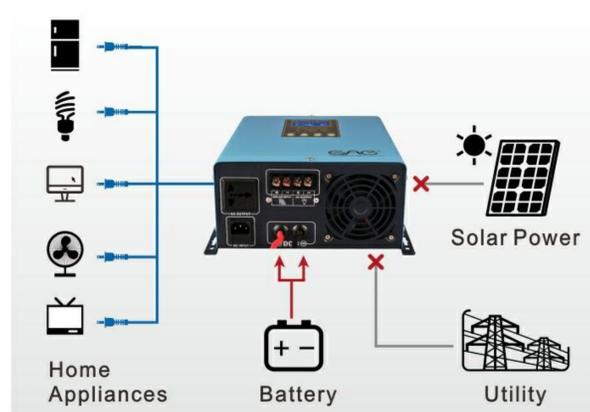
1. Built-in PWM solar charger .
2. DSP Intelligent control chip.
3. Result fetched from effective value, not average value.
4. Photoelectricity isolation circuitry technology.
5. Switching power is supplied by the independent system.
6. True over temperature protection.
7. The full bridge rectifier and 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 PWM 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-351	HSI-501	HSI-601	HSI-801	HSI-102	HSI-122
RATED POWER	350W	500W	600W	800W	1000W	1200W
SURGE POWER	1050W	1500W	1800W	2400W	3000W	3600W
INPUT						
VOLTAGE	220VAC					
SELECTABLE VOLTAGE RANGE	145-265VAC					
FREQUENCY RANGE	50Hz/60Hz±5Hz					
OUTPUT						
AC VOLTAGE REGULATION(BATT. MODE)	(DC BATT.MODE)220VAC±3%					
TANSFER TIME	≤8ms					
WAVE FORM	PURE SINE WAVE					
BATTERY						
BATTERY VOLTAGE	12V/24V					
FLOATING CHARGE VOLTAGE	13.8V(12V)/27.6V(24V)					
OVERCHARGE PROTECTION	17V(12V)/34V(24V)					
SOLAR CHARGE & AC CHARGER						
MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE	150VDC					
MAXIMUM PV ARRAY POWER	30V(12V)/50V(24V)					
STANDBY POWER CONSUMPTION	15W					
MAXIMUM AC CHARGE CURRENT	15A					
MAXIMUM SOLAR CHARGE CURRENT	20A				30A	
MAXIMUM CHARGING CURRENT	35A				45A	
PHYSICAL						
DIMENSION,D*W*H(mm)	345*315*187mm					
G.W.(KGS)	8.3	9	9.1	9.8	10	10.3
ENVIRONMENT						
HUMIDITY	0~95% (NO CONDESNSATION)					
OPERATING TEMPERATURE	0~60°C					
STORAGE TEMPERATURE	0~60°C					

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE