

RSI-HF Series 120V High Frequency off Grid Solar Inverter

Feature:

- AC Output 100~120 Vac
- Pure sine wave output
- Smart LCD setting (Working modest, Charge Current, Charge voltage, etc.)
- Built-in MPPT solar charge controller 60A/80A
- MPPT Efficiency max 98%
- New SUB working mode (Solar-Utility-Battery working mode) for 3K series
- Combining solar system, AC utility and battery power source to supply continuous power
- Overload, short circuit and Deep discharge protection
- Parallel operation with up to 3 units (Available for 4KW/5KW only)
- Cold start function
- WIFI remote monitoring (optional)
- Support USB, RS485 monitoring function with free CD
- Compatible to generator



SPECIFICATION

MODEL		RSI-1K-HF -24V -120	RSI-1.5K-HF -24V -120	RSI-2K-HF -24V -120	RSI-2.5K-HF -24V -120	RSI-3K-HF -24V -120	RSI-3K-HF -48V -120	
Nominal Battery System Voltage		24VDC					48VDC	
INVERTER OUTPUT	Rated Power	1000W	1500W	2000W	2500W	3000W	3000W	
	Surge Rating (20ms)	2000W	6300W	4000W	5000W	6000W	6000W	
	Waveform	Pure sine wave						
	AC Voltage Regulation(Batt. Mode)	(100VAC~120VAC)+/-5%						
	Inverter Efficiency(Peak)	>93%						
	Typical Transfer Time	10ms (For Personal Computers) 20ms (For Personal Appliance)						
AC INPUT	Voltage	120VAC						
	Selectable Voltage Range	90~145VAC (For Personal Computers) or 65~145VAC (For Personal Appliance) or 107~132 (VDE4105)						
	Frequency Range	50Hz/60Hz (Auto sensing)						
BATTERY	Nominal Voltage	24VDC					48VDC	
	Floating Charge Voltage	27VDC					54VDC	
	Overcharge Protection	31VDC					60VDC	
SOLAR CHARGE & AC CHARGE	Maximum PV Array Open Circuit Voltage	145VDC						
	PV Array MPPT Voltage Range	30~30VDC					64~130VDC	
	Standard Power Consumption	2W						
	PV Input power Power	1440W/1920W					2880W/3840W	
	Maximum Solar Charge Current	60/80A						
	Maximum Efficiency	98%						
	Maximum AC Charge Current	60A						
Maximum Charge Current	120/140A							
MECHANICAL	Machine Dimensions (W*H*D)	272*355*100					197.5*468*125	
	Net Weight (kg)	13.3						
SPECIFICATIONS	Shipping Dimensions(W*H*D)	540*395*241					638*395*241	
	Gross Weight (kg)	16.4						
	Operation Temperature Range	0°C to 55°C						
OTHER	Storage Temperature	-15°C to 60°C						
	Humidity	5% to 95% Relative Humidity (Non-Condensing)						

*Product specifications are subject to change without further notice.