

## RSI-HF Series High Frequency off Grid Solar Inverter

### Feature:

- Rated power 2KW/3KW/4KW/5KW
- Pure sine wave output
- Smart LCD setting (Working modest, Charge Current, Charge voltage, etc.)
- Built-in MPPT solar charge controller 60A/80A
- New SUB working mode (Solar-Utility-Battery working mode) for 4K-5K 48V 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-2K-HF-24V	RSI-3K-HF-24V	RSI-3K-HF-48V	RSI-4K-HF-48V	RSI-5K-HF-48V	
Nominal Battery System Voltage		24VDC			48VDC	
INVERTER OUTPUT	Rated Power	2000W	3000W	3000W	4000W	5000W
	Surge Rating (20ms)	4000W	6000W	6000W	8000W	10000W
	Waveform	Pure sine wave				
	AC Voltage Regulation(Batt. Mode)	(220VAC~240VAC)+/-5%				
	Inverter Efficiency(Peak)	>93%				
	Typical Transfer Time	10ms (For Personal Computers) 20ms (For Personal Appliance)				
AC INPUT	Voltage	230VAC				
	Selectable Voltage Range	170~280VAC (For Personal Computers) or 90~280VAC (For Personal Appliance) or 184~253 (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	20/30A		60A		
	Maximum Charge Current	80A		120/140A		
MECHANICAL SPECIFICATIONS	Machine Dimensions (W*H*D)	272*355*100			638*395*241	
	Net Weight (kg)	10	11	13.3		
	Shipping Dimensions(W*H*D)	540*395*241			638*395*241	
	Gross Weight (kg)	11.7	12	16.4		
OTHER	Operation Temperature Range	0°C to 55°C				
	Storage Temperature	-15°C to 60°C				
	Humidity	5% to 95% Relative Humidity (Non-Condensing)				

\*Product specifications are subject to change without further notice.