



## >>> Features

- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 60A MPPT solar charger
- PV input voltage range 20-150vDc(for2000w),30~150VDC(for 3200W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Solar energy is provided directly to the load first
- Regular charging of municipal electricity

## »» Product Data Sheet

MODEL	RT-ES2.0KW-12	RT-ES3.2KW-24
Rated Power	2000VA/1600W	3200VA/3000W
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC ± 5%	
Surge Power	4000VA	6400VA
Efficiency(Peak) PV to INV	98%	
Efficiency(Peak) Battery to INV	94%	
Transfer Time	10 ms(For Personal Computers); 20 ms (For Home Appliances)	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	3000W	3000W
MPPT Range @ Operating Voltage	30~400VDC	
Maximum PV Array Open Circuit Voltage Solar	400VDC	
Max Input Current	1/13A	
Maximum Solar Charging Current	80A	
Maximum AC Charging Current	60A	
Maximum Solar+AC Charging Current	80A	
PHYSICAL		
Dimension. H*W*D(mm)	357*273*95	
Cartoon Dimension ,H*W*D(mm)	435*335*165	
Net Weight(kgs)	4.6	4.8
Gross Weight(kgs)	5.6	5.8
Communication Interface	RS232/GPRS/WIFI	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃ to 50℃	
STANDARD		
Compliance Safety	CE	

## WIFI&GPRS available for IOS and Android



## LCD Display

