



RT-ES 1.0KW/1.5KW

RT-ES 2.0KW/3.2KW



>>> Features

- Pure sine wave solar inverter
- Wifi&GPRS available for IOS and android
- Built-in 40A/80A MPPT solar charger
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet the rich customize needs of customers
- Compatibe with lithium battery
- Solar energy is provided directly to the load first

Product Data Sheet

Model	RT-ES 1.0KW	RT-ES 1.5KW	RT-ES 2.0KW	RT-ES 3.2KW
RATED POWER	1000VA/1000W	1500VA/1500W	2000VA/2000W	3200VA/3200W

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 $\pm$ 5%			
Surge Power	2000VA	3000VA	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 & AC CHARGER

Battery Voltage	12VDC	24VDC	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC	16VDC	33VDC
Maximum AC Charge Current	40A	40A	60A	60A

SOLAR CHARGER

Maximum PV Array Power	600W(12V)	1200W(24V)	2000W	3200W
MPPT Range @ Operating Voltage	20-150VDC	30-150VDC	30-400VDC	30-400VDC
Maximum PV Array Open Circuit Voltage	150VDC		400VDC	
Maximum Charging Current	40A		80A	

PHYSICAL

Dimension,D*W*H(mm)	300*235*90		370*280*100	
Cartoon Dimension,D X W XH(mm)	340*275*145		440*340*180	
Dimensions of mounting holes(mm)	118- ϕ 5x2		145- ϕ 5x2	
Net Weight(kgs)	3.0	3.5	5.1	5.5
Gross Weight(kgs)	3.5	4.0	5.9	6.3
Communication interface	RS232/GPRS/WIFI			

OPERATING ENVIRONMENT

Humidity	5% to 95% Relative Humidity(Non~condensing)			
Operating Temperature	-10 ~50°C			

WIFI & GPRS available for Ios and Andriod LCD Display

