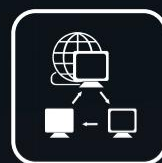




Max.Efficiency
98%



40A MPPT



RS232/GPRS
WIFI



IP21
Ingress Protection

>>> Features

- *Pure sine wave solar inverter*
- *Output power factor 1.0*
- *Wifi&GPRS available for IOS and android*
- *Built-in 40A MPPT solar charger*
- *PV input voltage range(20-150vDc)*
- *Built-in anti-dusk 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
RATED POWER	1000VA/1000W	1500VA/1500W

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	2000VA	3000VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10ms(for personal computers); 20ms (for home appliances)	

BATTERY & AC CHARGER

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

SOLAR CHARGER

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

PHYSICAL

Dimension,D*W*H(mm)	300x235x90	
Cartoon Dimension,D X W XH(mm)	340x275x145	
Dimensions of mounting holes(mm)	118- Ø5x2	
Net Weight(kgs)	3	3.5
Gross Weight(kgs)	3.5	4
Communication interface	RS232/GPRS/WIFI	

OPERATING ENVIRONMENT

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

LCD Display

