



3~6KW



8~11KW

>>> Features



Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging



intelligent Power supply Mode, intelligent Distribution of solar Panel/Mains /BatteryPower Shares



Utility Charging Voltage/Pv Charging Voltage Adjustable, Match Different Battery Charging Requirements



Convenient installation And Transportation



Battery Reverse Connection Protection with Fuse Switch, Safer installation



PF1.0, High Efficiency, Lower Consumption, Energy Conservation/ Environmental Protection/ Electricity saving/ Cost saving



Support Working without Battery: Reduce Solar System Cost



Communication Option: External WIFI, Supervise at Any Time



High Precision of Output Voltage, $\pm 5\%$, Take Care of Your Appliances



BMS function for lithium battery

»» Product Data Sheet

Model		RT3024TA	RT3624TA	RT5548TA	RT6248TA-Pro
Input Formation		L+N+PE			
AC Input		220/230/240VAC			
Input Voltage Range		90-280VAC±3V(Normal Mode)185-264VAC±3V (UPS Mode)			
Frequency		50/60Hz(Adaptive)			
Rated Power		3000W	3600W	5500W	6200W
Dual Output Power		3000W/3000W	3600W/3600W	5500W/5500W	6200W/6200W
Second Load Cut Off Voltage		22V		44V	
Second Load Return Voltage		26V		52V	
Output Voltage(AC)		208/220/230/240VAC±5%			
Output Frequency		50/60Hz±0.1%			
Output Wave		Pure Sine Wave			
Transfer Time(Adjustable)		10ms for Computer Equipment,20ms for Household Equipment			
Peak Power		6000VA	7200VA	11000VA	12400VA
Overload Ability		Battery Mode : 21s@102%-110% load 10s@110%-130% load 3s@130%-150% load 400ms@>150% load			
Grid connected Operation	Output Voltage	208/220/230/240VAC±5% (Feed-in Grid Voltage Range:195~253VAC)			
	Grid Voltage Range	195-253VA			
	Grid Frequency Range	50/60Hz±0.1% (Feed-in Grid Frequency Range: 49-51+1Hz/59-61+1Hz)			
	Output Current	13.6A	16.3A	23.9A	26.9A
	Power Factor Range	>0.99			
Peak Efficiency(Battery Model)		>94%			
Rated Voltage		24VDC		48VDC	
Constant Charging Voltage		28.2VDC		56.4Vdc	
Float Charging Voltage		27VDC		54VDC	
PV Charging Method		MPPT			
Max PV Input Power		5000W	5000W	7500W	7500W
PV Input Voltage Range		60~500VDC	60~500VDC	60~500VDC	60~500VDC
MAX PV Input Voltage		500VDC	500VDC	500VDC	500VDC
MAX PV Input Current		18A	18A	27A	27A
MAX PV Charge Current		100A	100A	100A	120A
MAX AC Charge Current		60A	80A	60A	100A
MAX Charge Current		100A	100A	100A	120A
LCD		Can display operating mode/load/input/output			
RS232		5PIN/Pitch2.54mm,Baud Rate 2400			
Expansion Slot Communication Interface		Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm			
Parallel Interface		Not Support Parallel			Support Parallel
Operating Temperature		0℃~40℃			
Storage Temperature		-15℃~60℃			
Ork Altitude		No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer			
Operating Environment Humidity		Non Condensing			
Noise		<50dB			
L*W*H(mm)		495*312*126mm			

»» Product Data Sheet

Model		RT11048TA-Pro
Nominal Voltage		220/230/240VAC
Voltage Range		90-280VAC±3V (Inverter Mode) 170-280VAC±3V (UPS Mode)
Frequency		50-60Hz Auto sensing
Rated Output Power		11000W
Dual Output Power		11000W/11000W
Second Load Cut Off Voltage		44V
Second Load Return Voltage		52V
Output Voltage(AC)		220/230/240VAC±5%
Output Frequency		50/60Hz±0.1%
Waveform		Pure sine wave
Transfer time(AC to DC)		10ms for Computer Equipment,20ms for Household Equipment
Peak Power		22000VA
Overload Capacity(Battery Mode)		21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load
Grid connected Operation	Output Voltage	220/230/240VAC (Feed-in Grid Voltage Range:195~253VAC)
	Grid Voltage Range	195-253VA
	Grid Frequency Range	49-51±1Hz/59-61±1Hz (Feed-in Grid Frequency Range: 49-51+1Hz/59-61+1Hz)
	Output Current	47.8A
	Power Factor Range	>0.99
Peak Efficiency(Battery Model)		98%
Normal Voltage		48VDC
Constant Charging Voltage		56.4VDC
Float Charging Voltage		54VDC
PV Charging Way		MPPT
Max PV Input Power		2*5500W
PV Input Voltage Range		90-500VDC
MAX PV Input Voltage		500VDC
MAX PV Input Current		18/18A
MAX PV Charge Current		150A
MAX AC Charge Current		150A
MAX Charge Current		150A
LCD Display		AC input Voltage,AC input frequency,PV Voltage,PV Current,Output Voltage, Output Frequency, Battery Voltage,Load Current,etc.
RS232		5PIN/Pitch2.0mm
Expansion Slot Communication Interface		2×5PIN/Pitch2.54mm, Lithium battery BMS communication card、WIFI, etc
Parallel Interface		Yes
Operating Temperature		0~40°C
Humidity		20%~95%(Non-condensing)
Storage Temperature		-15~60°C
Altitude		<1000m
Noise(dB)		≤50db
L*W*H(mm)		570*500*148mm