













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,±5%, Take Care of Your Appliances
-  BMS function for lithium battery

»» Product Data Sheet

Model		RT3024TA	RT3624TA	RT5548TA	RT6248TA-Pro	RT11048TA-Pro
Input voltage	Input Formation	L+N+PE				
	AC Input	220/230/240VAC				
	Input Voltage Range	90-280VAC±3V(Normal Mode)170-280VAC±3V(UPS Mode)				
	Frequency	50/60Hz (Adaptive)				
Output	Rated Power	3000W	3600W	5500W	6200W	11000W
	Output Voltage	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	10000VA	124000VA	22000VA
	Overload Ability	Battery Mode :21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load				
	Rated Voltage	24VDC	24VDC	48VDC	48VDC	48VDC
Battery	Constant Charging Voltage(Adjustable)	28.2VDC	28.2VDC	56.4VDC	56.4VDC	56.4VDC
	Float charging Voltage (Adjustable)	27VDC	27VDC	54VDC	54VDC	54VDC
	PV Charging Method	MPPT	MPPT	MPPT	MPPT	MPPT*2
Charge	Max PV Input	4200W	4200W	5500W	6200W	5500W*2
	MPPT Tracking Range	60V-500VDC	60V-500VDC	60V-500VDC	60V-500VDC	90V-500VDC
	Best VMP Working Range	300-400VDC	300-400VDC	300-400VDC	300-400VDC	300-400VDC
	MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	500VDC
	MAX PV Input Current	18A	18A	18A	18A	18A/18A
	MAXPV Charge Current	100A	100A	100A	100A	150A
	MAX AC Charge Current	60A	80A	60A	80A	150A
	MAX Charge Current	100A	120A	100A	120A	150A
Display	LCD	Can display operating mode/load/input/output				
Interface	RS232	5PIN/Pitch2.54mm, Baud Rate 2400				
	Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2x5PIN/Pitch2.54mm				
Ambient Temperature	Operating Temperature	-10°C~50°C				
	Storage Temperature	-15°C~60°C				
	Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer to IEC62040				
	Operating Environment Humidity	20%~95% Non Condensing				
	Noise	≤50db				
Dimension	L*W*H(mm)	495*312*146mm			570*500*148mm	
Standards and Certifications		EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1				