



RSGC-T 3024/5048 HYBRID POWER INVERTER



Pure sine wave inverter



With AC Charger 80A



MPPT controller



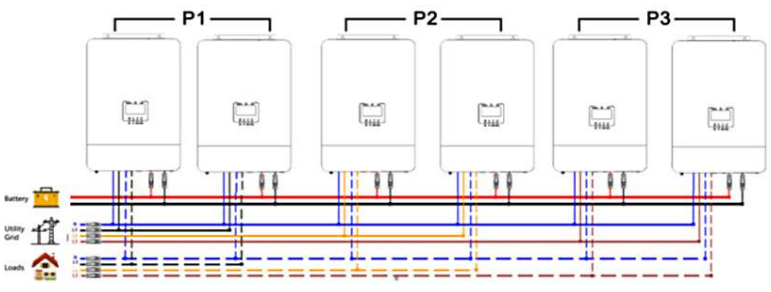
PV input 120- 450V



Parallel output 9units

RoHS **FCC** **CE**

Schematic diagram of parallel output three-phase electricity



Features

Model		RSGC-T3024	RSGC-T5048	RSGC-T5048B
Input	Input Sources	L+N+PE		
	Rated Input Voltage	208/220/230/240VAC		
	Voltage Range	154-264VAC±3V(APP Mode)185-264VAC±3V(UPS Mode)		
	Frequency	50Hz/60Hz(Auto Adaptive)		
Output	Rated Capacity	3000W	5000W	
	Output Voltage	208/220/230/240VAC±5%		
	Output Frequency	50/60Hz±0.1%		
	Waveform	Pure Sine Wave		
	Transfer Time (adjustable)	Computers(UPS Mode)10ms, Appliance(APP Mode)20ms		
	Peak Power	6000VA	10000VA	
	Over Load Ability	Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load		
Peak Efficiency (battery Mode)	>94%	>94%		
Battery	Battery Voltage	24Vdc	48Vdc	
	Constant Charging Voltage(Adjustable)	28. 2Vdc	56. 4Vdc	
	Floate Charging Voltage(Adjustable)	27Vdc	54Vdc	
Charger	PV Charging Mode	MPPT	MPPT	
	MAX.PV Input Power	1500W	5500W	
	MPPT Tracking Range	30~115Vdc	120~430Vdc	
	MAX.PV Input Voltage	145Vdc	450Vdc	
	Best open circuit voltage range	70-110V	370-430V	
	Best voltage	60-90V	300-340V	
	MAX.PV Charging Current	60A	80A	
	MAX.AC Charging Current	60A	80A	
MAX.Charging Current	120A	80A		
Display	LCD Display	Display Running Mode/Loads/Input/Output etc.		
Interface	RS232	5PIN/Pitch2.0mm, Baud Rate2400		
	Communication Port	2×5PIN/Pitch2.54mm, Lithium Lattery BMS Communication Card, WifiCard,DryContact		
	Parallel Connect Interface	Without Parallel Connection		With Parallel Connection
Environments	Operating Temperature	0~40 °C		
	Humidity	20%~95% (Non-condensing)		
	Storage Temperature	-15~60 °C		
	Altitude	Altitude Not Over 1000m,Derating over 1000m,Max 4000m. Refer to IEC62040		
	Noise	≤50db		
Mechanical Specification	Inverter Dimensions(L*W*H)	123*502.3*310 mm		
	Inverter Weight	8.5KG	10KG	10KG
	Shipping Dimensions(L*W*H)	140*522*323 mm		
	Shipping Weight	9.5KG	11KG	11KG

Structural parts description

