

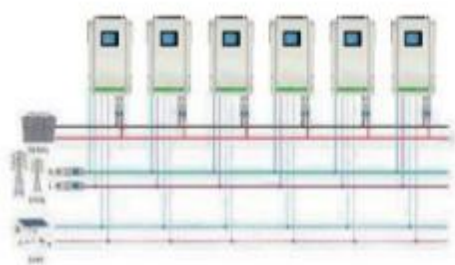
Model No.	RHT-VE-II-3KW 24V	RHT-VE-II-5.5KW 48V
Rated Power	3000W	5000W
PARALLEL CAPABILITY	Yes	
OFF-GRID, HYBRID OPERATION INPUT		
Acceptable Input Voltage Range	120-280VAC or 170-280 VAC	
Frequency Range	50 Hz/ 60 Hz (Auto sensing)	
OUTPUT		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	184-265VAC	
Nominal Output Current	13.6A/ 13.0A/ 12.5A	20.5A/ 19.6A/ 18.8A
Efficiency(Peak)	UP to 93%	
BATTERY MODE OUTPUT (AC)		
Nominal Output Voltage	220/230/240VAC	
Output Wave Form	Pure sine wave	
SOLAR CHARGER & AC CHARGE		
Nominal DC Voltage	24VDC	48VDC
Maximum AC Charge Current	60A	
Maximum Charge Current(AC+ PV)	90A	
Emergency output power		
Maximum output Power	3000W	5500W
Surge Power	6000W	11000W
Automatic Transfer Time	< 10ms	
PHYSICAL		
Dimension. D* W* H(mm)	345x476x 133.2MM	
Net Weight (kgs)	11.75kg	12kg
Communication Interface	USB or RS2 3 2 , WIFI, Generator dry- Contact	
OPERATING ENVIRONMENT		
Humidity	5 % to 95 % Relative Humidity(Non- condensing)	
Operating Temperature	- 10°C to 55°C	
Storage Temperature	- 15°C to 60°C	

KEY FEATURES

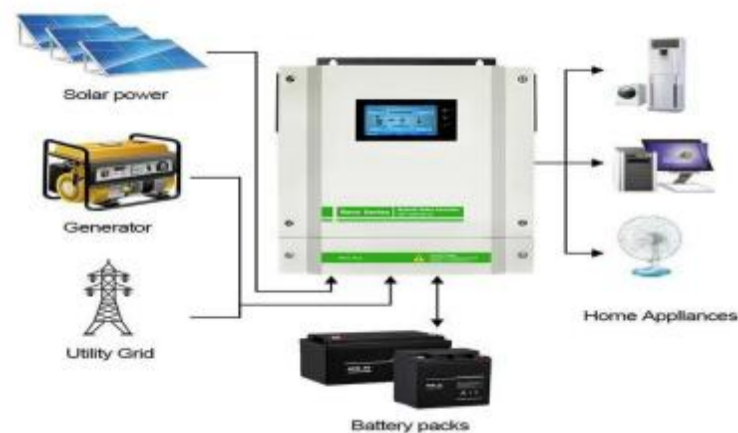
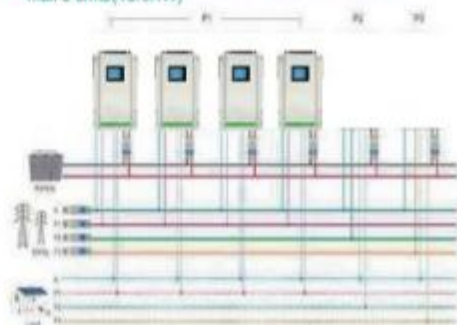
- ▶ Touch screen display
- ▶ PV and utility power the load at same time (can setting)
- ▶ Output power factor PF= 1.0
- ▶ On& Off Grid with energy storage
- ▶ Energy generated record, load record, history information and fault record
- ▶ Structure with dust filter
- ▶ AC charging start and stop time setting
- ▶ External Wi-Fi device optional
- ▶ Parallel operation up to 9 units
- ▶ Connected with battery optional
- ▶ Wide PV input range120-450VDC
- ▶ Independent CPU
- ▶ MAX PV Array power 5 0 0 0 W
- ▶ Solar and Utility supply power to the load When solar power is not sufficient to load
- ▶ The CT sensor will monitor the power consumption of the system



■ Single phase output up to 49.5KW using 9 units



■ Three phase output using either 3 units(16.5KW)or max 9 units(49.5KW)



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