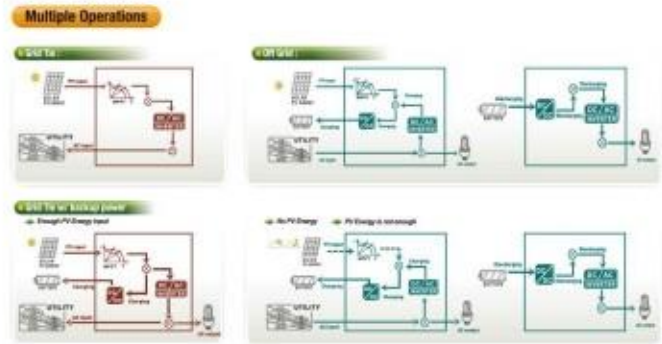


- Pure sine wave output
- Microprocessor controlled to guarantee stable charging system
- Multiple operations: Grid tie, Off grid, and grid-tie with backup
- Built-in MPPT solar charger
- LCD display panel for comprehensive information
- Multiple communications
- Green substitution for generators
- User-adjustable charging current up to 25A



RSH-3000

MODEL	RSH-3000
RATED POWER	3000 W
DC INPUT	
Maximum DC Voltage	500 VDC
MPP Voltage Range	110 VDC ~ 450 VDC
DC Nominal Voltage	360 VDC
Start-up Voltage / Initial Feeding Voltage	125 VDC / 125 VDC
Maximum Input Current	13 A
AC INPUT	
Nominal AC Voltage	220 VAC
Acceptable Voltage Range	170 - 280 VAC
Maximum Input Current	20 A
AC OUTPUT	
Nominal AC Voltage / Range	220 VAC / 184 - 265 VAC
Maximum Feeding Power	3000 W
AC Grid Frequency Range	47.5 ~ 50.2 Hz
Nominal Output Current	13 A
Power Factor	> 0.99
DC OUTPUT	
Output Voltage	220 VAC
Output Frequency	50 Hz
Output Waveform	Pure sine wave
Efficiency (DC to AC)	90%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Charging Current	25 A
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	420 x 415 x 170
Net Weight (kgs)	15.5
INTERACE	
Communication Port	RS-485/RS-232
Intelligent Slot	Optional SNMP card or Modbus card available
Wireless Connection	Optional Zigbee card and wireless device available
ENVIRONMENT	
Humidity	0 ~ 90% RH (No condensing)
Operating Temperature	-25°C to 60°C
Altitude	0 ~ 1000 m*

* Power derating 1% every 100 m when altitude is over 1000m

** Product specifications are subject to change without further notice