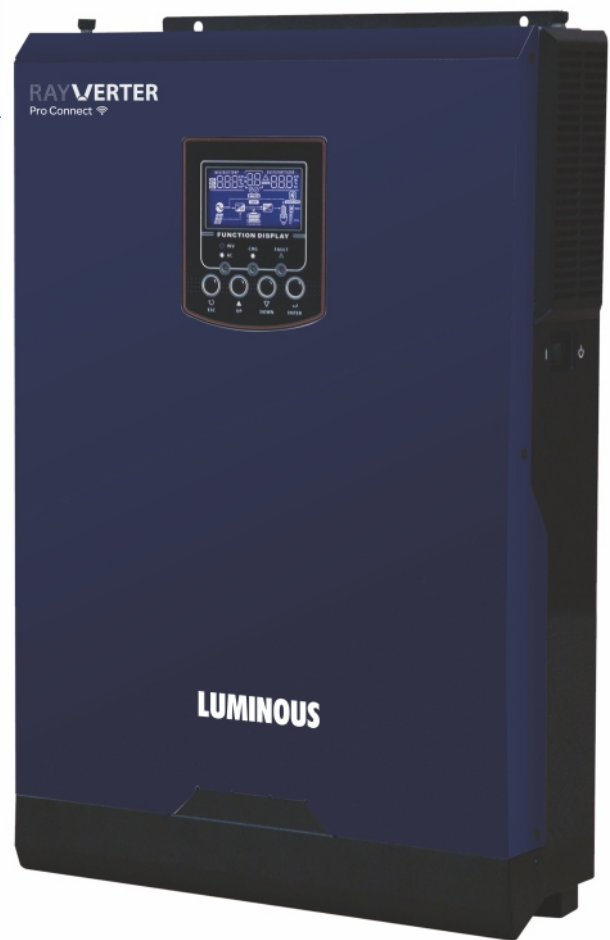


OFFGRID INVERTER

- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide DC input range
- Battery independent design
- Maximum charging current 100A
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit

RAYVERTER
PRO Connect

Rating : 3KVA ~ 5KVA



Technical Datasheet

Model Name	RAYVERTER 3KVA	RAYVERTER 5KVA
Rated Power	3000VA/3000W	5000VA/5000W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers)	
	90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation	230 VAC \pm 5%	
Surger Power	6000VA	10000VA
Efficiency (Peak)	93 %	
Transfer Time	10 ms (For Personal Computers)	
	20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	32 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Open Circuit Voltage	450 VDC	500 VDC
Maximum PV Array Power	3000W	5000W
Maximum PV Input Current	13 A	18 A
MPPT Range @ Operating Voltage	60 ~ 400 VDC	120~450 VDC
Maximum Solar Charge Current	100 A	100 A
Maximum AC Charge Current	80A	100 A
Maximum Charge Current	100 A	100 A
PHYSICAL		
Dimension, D*W*H (mm)	110 x 288 x 390	120 x 300 x 440
Net Weight (Kg)	7.2	10.0
Communication Interface	RS232/RS485, optional WiFi	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

* Product specifications are subject to change without further notice