



EP-IVR-OG5K 5kW OFF-GRID INVERTER

EP-IVR-OG5K is 5KW off-grid inverter, pure sine wave output, with built-in MPPT charge controller, support parallel connection. Optional priority with solar panels(PV) and city grid(AC) mode, store energy into batteries as backup power, ideal choice for home, villa or remote regions.



Safe and Reliable



24/7 monitoring



Plug and play design



High Yield

EP-IVR-OG5K

5kW OFF-GRID INVERTER

INVERTER SPECIFICATIONS

INPUT

Rated Power	5000VA/5000W
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For PC) 90-280 VAC (For App)
Frequency Range	50 Hz/60 Hz (Auto Sensing)

OUTPUT

AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	10000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 ms (For PC) 20 ms (For App)
Waveform	Pure sine wave
Dual Outputs	Yes

SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT
Max. PV Array Power	5000W
MPP Range @ Operating Voltage	120 ~ 450 VDC
Max. PV Array Open Circuit Voltage	500 VDC
Max. Solar Charge Current	100A
Max. AC Charge Current	100A
Max. Charge Current	100A

ENVIRONMENTAL SPECIFICATIONS

Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

BATTERY SPECIFICATIONS

Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
Communication Interface	USB/RS232/RS485/ Bluetooth/Dry-contact
Battery Modules Connection	1 ~ 4 in parallel

MECHANICAL SPECIFICATIONS

Dimensions	(115x300x400)mm
Weight	10Kg
Mounting Options	Wall Mount

