

Lux Power 5KW 48VDC 1PH Off Grid Hybrid Inverter



5KW, 48V Inverter. Recommended to pair with our Blue Nova 5.2kw BP battery

Rating: Not Rated Yet

Price

Normal price: R 16100

Price: R 12200

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Manufacturer [Lux Power](#)

Description

Your first step in supplying your home or business with back up power for those annoying power outages.

Inverters: Lux Power 5KW 48VDC 1PH Off Grid Hybrid Inverter

5KVA/5KW | 230VAC
c/w 100A MPPT solar charger
PV Input: 2 x 3200W/450V Max

Please note, this unit must be installed by a qualified electrician with a Wireman's Certificate, who must provide you with a Certificate of Compliance. Failure to do so voids this products warranty.

Cabling, solar panels (optional), and batteries are required along with an inverter to create a back up power solution

Recomended Battery: Blue Nova Energy Lithium Iron 52V RacPower Battery 100Ah 5.2k Backup Power

What's in the box
1 x ACDC - Inverter - LUX - 5KW - 48VDC

Output

- Rated Power: 5000W
- Parallel Supported: Yes
- Normal Output Voltage: 230VAC-240VAC, Split Phase 220VAC/110VAC
- Normal Output Frequency: 50Hz / 60Hz
- Surge Power: 10000VA
- Switch Time: 10ms
- Wave Form: Pure Sine Wave

Battery

- Battery Type Supported: Lithium / Lead-Acid
- Normal Voltage: 51.2VDC / 48VDC
- Maximum Charging Voltage: 59VDC

Solar

- Maximum PV Power: 3200W / 3200W
- Number of MPP Trackers: 2
- Maximum PV Open Circuit Voltage: 480VDC
- MPPT Voltage Range: 100VDC – 385VDC
- Maximum Solar Charge Current: 100A
- Maximum Solar Input Current: 13A / 13A

Grid

- Normal Voltage: 230VAC
- AC Voltage Range: 110VAC-280VAC
- Maximum Charge Current: 60A
- Frequency Range: 50Hz / 60Hz (Auto Sensing)

Environment Limit

- Ingress Protection: IP20
- Relative Humidity: 5% to 95% (Non Condensing)
- Operating Temperature Range: 0°C to +50°C
- Storage Temperature: -15°C to +60°C
- Communication: CAN / RS485/ WIFI / GPRS

Reviews

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