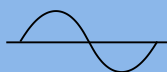




This item is **UL1741** standard, integrated with a **120/240V 8KW** split- phase off grid pure sine wave inverter, **80A AC** charger, MPPT solar charge controllers, and a transfer switch in one package.



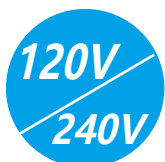
Pure Sine Wave



Hybrid Solar Inverter

Low Frequency Inverter

Built-in pure copper low-frequency transformer, which is more reliable and sturdy. The transformer handles higher power spikes with longer duration when it comes to driving inductive loads such as electric motors, pumps, compressors, and air conditioners.



AC Output

Built in MPPT solar controller

It has two 60A MPPT solar chargers which can accept two strings of 60A PV (Max 3500w) input from two solar arrays or parallel to accept 120A (Max 2×3500w) input from one big PV array.



Max Battery Charger

Suitable for different batteries

The unit can use flooded lead-acid, sealed GEL/AGM/LiFePO4 batteries, Compatible with mains voltage or generator which charge the battery or power the load.

WIFI Model

Built-in WIFI transmitter to support monitoring on smartphones

LFPV8K-48-120A-SP

HYBRID SOLAR INVERTER

| GENERAL INVERTER SPECIFICATIONS | |
|---------------------------------|---|
| Nominal Input Voltage | 240VAC(HOT1 +HOT2) |
| Max AC Input Voltage | 270VAC |
| Nominal Input Frequency | 50Hz/60Hz (Auto detection) |
| Nominal Charge Current | Max 80A |
| BACKUP MODE SPECIFICATIONS | |
| Rated Output Power | 8000W |
| Nominal DC Input Voltage | 48VDC |
| Nominal Output Voltage | 120V/240V |
| Nominal Efficiency | >87% |
| SOLAR INPUT SPECIFICATIONS | |
| Dual MPPT Max. power (W) | 7000W (3500W+3500W) |
| MPPT Working range | 60-145VDC (for each MPPT) |
| Maximum PV open voltage | 155VDC(for each MPPT) |
| Dual MPPT charging current | 120A (60A+60A) |
| Number of MPPT Tracker | 2 |
| ENVIRONMENTAL SPECIFICATIONS | |
| Operating Temperature | -10°C to 50°C |
| Application Type | Indoor only |
| Humidity | 5% ~ 95% Relative Humidity (non-condensing) |
| Idle Power Consumption | 87W |
| Operating Altitude | 0 ~ 1500 Meters |
| PHYSICAL SPECIFICATIONS | |
| Dimension: L X W X H (inch) | 25.6X17.7X8.8 |
| Net Weight (lb) | 125 |
| WARRANTY INFORMATION | |
| 2 years | |