

SPECIFICATIONS



ALL-IN-ONE ENERGY STORAGE SYSTEMS

LS-AIO-48V-5KWH

Long Life & Safety | Easy to Install & Use | Multiple Working Modes
Fast & Flexible charging | Scalability | Use 4 batteries in parallel at the same time

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SPECIFICATIONS & FEATURES

| INVERTER MODEL | LS-AIO-48V-5KW-INV |
|--------------------------------------|----------------------------------|
| OUTPUT | |
| Rated Output Power | 5,000W |
| Max. Peak Power | 10,000VA |
| Load Capacity of Motor | 4HP |
| Wave Form | Pure Sine Wave |
| Rated Frequency | 50Hz/60Hz |
| Max. Parallel Capacity | 2 units (up to 10kW) |
| Rated Output Voltage | 230Vac (single phase) |
| SOLAR INPUT | |
| Solar Charge Type | MPPT |
| Max. Output Power | 5,500W |
| Max. Solar Open Circuit Voltage | 500Vdc |
| GRID/GENERATOR INPUT | |
| Input Voltage Range | 90~280Vac |
| Bypass Overload Current | 40A |
| BATTERY CHARGING | |
| Max. Solar Charging Current | 100A |
| Max. Grid/Generator Charging Current | 60A |
| GENERAL | |
| Gross Weight | 30kg (72.75lb) |
| Dimension | 500*555*130mm (1.64*1.82*0.42ft) |
| Protection Degree | IP20 |
| Cooling Mode | Natural cooling |
| STANDARD | |
| Safety | EN61000, C2, CE(EN62109-1) |

| BATTERY MODEL | LS-AIO-48V-5KWH |
|-------------------------|----------------------------------|
| MAIN INFO | |
| Battery Power | 5.12kWh |
| Rated Voltage | 51.2V |
| Rated Capacity | 100Ah |
| Standard charge current | 50A |
| Max. charge current | 100A |
| Battery Type | LFP |
| Cycling Lifespan | 6000 (80%DOD,0.5C,25°C) |
| Max. Parallel Capacity | 4 units (up to 20.48kWh) |
| GENERAL | |
| Gross Weight | 50kg (110.23lb) |
| Dimension | 600*555*130mm (1.97*1.82*0.42ft) |
| Protection Degree | IP20 |
| STANDARD | |
| Transportation | UN38.3 |
| Safety | CE-GPSPD,IEC62109,EMC |

FEATURES

- Plug-and-play, eliminate the clutter of wires
- Support Off-grid output
- Min. width of just 13cm, saving space in the home
- Support Wifi view real-time data through APP
- Up to 4 batteries in parallel expand to 20.48kWh
- Up to 2 systems in parallel with double storage & output