

LEMAX BATTERY LM-JW-51.2V100AH



Lithium battery for photovoltaics Lemax 5120Wh - wall mounted lithium battery for photovoltaics reliably stores the electricity from the solar power plant and you can use it when you really need it. It has a nominal capacity of 5120Wh, provides a voltage of 51V and has a high lifetime of up to 8000 charge cycles.



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Advantages

- ♦ Easy and Quick installation
- ♦ Easy connection to all low voltage inverters
- ♦ Built-in intelligent BMS system from PACE company
- ♦ LEMAX battery using LiFePO4 chemistry
- ♦ Parallel connection allowing for increased capacity (up to 15 times)
- ♦ Premium battery cells, also used by TESLA company
- ♦ Support for RS232 RS485, CAN communication protocols



Battery Specification

| Model | LM-JW-51.2V100Ah |
|-------------------------------|-----------------------------|
| Battery type | LiFePO4 |
| Total energy | 5.12 KWh |
| Capacity | 100AH |
| Normal voltage | 51.2V |
| Operating voltage range | 40~58.4V |
| Maximum charging current | 100A |
| Maximum discharge current | 100A |
| Normal charging current | 50A |
| Manufacturer's warranty | 9 years |
| Maximum Depth of Discharge | 100% but 85% is recommended |
| Max. number of parallel units | 15 |
| Battery lifetime | až 8000 cycles |
| Operating temperature range | -10~60°C |
| Operating humidity | 5~95% |
| Operating altitude | <3000m |
| Protection class IP | IP21 |
| Installation | wall mounted/floor |
| Communication interface | RS485/CAN/RS232 |
| Certificates | CE, UN38.3, MSDS |
| Weight | 46.5 kg |
| Dimensions (mm) | 635x400x192 mm |



Packaging information

Package dimensions: 700*465*215mm | Package weight: 48 kg

Manufacturer: Shenzhen Lemax New Energy CO., LTD

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