





51.2V 100Ah LV Battery GPLB-48100M


51.2V


5.12kW


10.24kWh


IP20



CE

UN38.3

MSDS

IEC62619

» Specifications

| GPLB-48100 M | |
|-----------------------|--------------------------------|
| Nominal Energy (kWh) | 5.12 |
| Nominal Voltage (V) | 51.2 |
| Nominal Capacity (Ah) | 100 |
| IP Rating | IP 20 |
| Output Power (kW) | 5.12 |
| Voltage Range (V) | 43.2~58.4 |
| Charge Voltage (V) | 56.8~58.4 |
| Charge Current (A) | 75 |
| Discharge Current (A) | 100 |
| Charge Mode | CC-CV |
| Communication | CAN/ RS485/ RS232/ Dry Contact |
| Charge Temperature | 0 - 55 °C |
| Discharge Temperature | -20°C~55°C |
| Designed Life | 10+ Years |
| Cycle Life | > 6000 (@25°C, 80% DOD) |
| Weight (kg) | 48.5 |

- Grade-A LFP cells with a cycle Life of 6000+
- Compatible with mainstream inverter, offering strong adaptability
- Scalable up to 81.92kWh with 16 strings in parallel
- Plug-and-play wiring, easy installation
- IP20 rating plus 10 years warranty
- Smart BMS system to optimize performance
- Supports remote control and upgrades

