

51.2V 100Ah LV Battery GPLB-48100M



51.2V



5.12kW



5.12kWh



IP20



CE

UN38.3

MSDS

IEC62619

» Specifications

GPLB-48100M	
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
Warranty	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

