

51.2V 280Ah/314Ah LV Battery
GPLB-48280W/48314W


51.2V


10.24 kW


14.34/16.08kWh


IP20



CE

UN38.3

MSDS

IEC62619

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

» Specifications

	GPLB-48280W	GPLB-48314W
Nominal Energy (kWh)	14.34	16.08
Nominal Voltage (V)	51.2	51.2
Nominal Capacity (Ah)	280	314
IP Rating	IP 20	IP 20
Output Power (kW)	10.24	10.24
Voltage Range (V)	43.2~58.4	43.2~58.4
Charge Voltage (V)	56.8~58.4	56.8~58.4
Charge Current (A)	150	150
Discharge Current (A)	200	200
Charge Mode	CC-CV	CC-CV
Communication	CAN/ RS485/ RS232/ Dry Contact	
Charge Temperature	0°C-55°C	
Discharge Temperature	-20°C-55°C	
Warranty	10 Years	
Cycle Life	> 6000 (@25°C, 80% DOD)	> 8000(@25°C, 80% DOD)
Weight (kg)	117	120.5

