

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

 51.2V
  10.24kW
  14.34/16.08kWh
  IP20



	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	IP20	IP20
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	CAN/RS485/RS232/ Dry Contact
Charge Temperature	0°C~ 55°C	0°C~ 55°C
Discharge Temperature	-20°C~ 55°C	-20°C~ 55°C
Warranty	5 Years	5 Years
Cycle Life	>6000(@25°C, 80% DOD)	>8000(@25°C, 80% DOD)
Weight (kg)	117	120.5

Dimensions



Cost-effective

Grade-A LFP cells with a cycle Life of 6000+



Easy Installation

Plug-and-play wiring, easy installation



Safety and Reliability

Built-in BMS, IP20 protection, 5-years warranty



Flexible Scalability

Up to 16 strings in parallel, providing strong scalability



User-Friendly

Compatible with mainstream inverters, plug-and-play adaptability



Local Service

Supports local sales and after-sales service