

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	
Nominal capacity(Ah)	280	314
IP rating	IP20	
Output power (kW)	10.24	
Voltage range (V)	43.2~58.4	
Charge voltage (V)	56.8~58.4	
Charge current (A)	150	
Discharge current(A)	200	
Charge mode	CC-CV	
Communication	CAN/RS485/RS232/ Dry Contact	
Charge temperature	0°C~ 55°C	
Discharge temperature	-20°C~ 55°C	
Warranty	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