

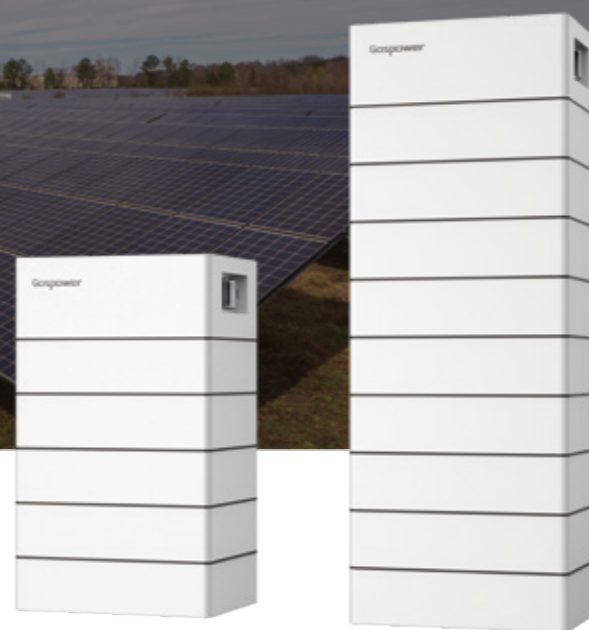
LiFePO₄ STACKED BATTERY


51.2V Series Boosting MAX. to 400Vdc

⚡ 200-400V
 💧 IP65


Support 2-8 Unit Stack
 IP65 Design
 1.0-1.6m Stack Height
 100-400Vdc Output

CE UN38.3 MSDS IEC62619



Single Module	GPSB-48100H	
 GPSB-48100H (16S)	Battery type	LiFePO ₄
	Nominal Energy (kWh)	5.12
	Nominal Capacity [Ah]	100
	Nominal Voltage [V]	51.2
	Voltage Range [V]	43.2~58.4
	Operation Temperature	-20°C~45°C@DisCharge 0°C~45°C@charge
	Designed Life	10+ Years
	Cycle Life	More than 6000 Cycles @25°C 80%DOD
	Dimension(L*W*H) (mm)	600*390*158.5
	Weight (kg)	44




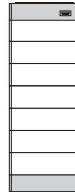
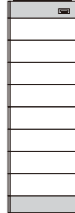
HIGH VOLTAGE STACKABLE BATTERY

 **GPSB-48100H**
 Stacked 200-400V 20-40kWh

» Key Features

- Suitable for both off-grid and hybrid inverters, and protocol match well
- The fault diagnosis and isolating function for battery module protects the system
- Programmable charge and discharge control
- Elegant design, IP Rate: IP65, Plug and Play
- Design Life >10 years @25°C
- Flexible and easy installation
- Multi-level software and hardware protection
- Cycles: More than 6000 cycle life with 80% DOD
- Certificates:CE, TUV, ROHS, UN38.3, IEC62619, MSDS

» Stacked Solution

Parameters	GPSB-48100-4S	GPSB-48100-5S	GPSB-48100-6S	GPSB-48100-7S	GPSB-48100-8S
Battery module quantity					
Battery module energy (kWh)	20.48	25.60	30.72	35.84	40.96
Module Number	4	5	6	7	8
Rated Voltage (V)	204.8	256	307.2	358.4	409.6
Voltage Range (V)	172.8-233.6	216-292	259.2-350.4	302.4-408.8	345.6-467.2
Charge Current (A)	20	20	20	20	20
Max. Discharge Current (A)	50	50	50	50	50
Dimension:(W*D*H)	600*390*985	600*390*1138	600*390*1291	600*390*1444	600*390*1597
Weight (kg)	196	240	284	328	372
Environment Parameter					
Enclosure Protection Rating	IP65				
Charge Temperature Range (°C)	0°C~50°C				
Discharge Temperature Range (°C)	-20°C~55°C				
Installation Method	Floor-mount				
Service Life					
Cycle Life	> 6000 (@25 °C , 80% DOD)				
Design Life (Year)	10				
Certification					
Safety & Certification	CE, IEC62619, UL1973				
Transportation	UN38.3				