



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



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Single Module		GPHB-48100S
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

Gospower

HIGH VOLTAGE STACKABLE BATTERY





GPHB-48100S

Stacked 100-400V 10-40kWh

» 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

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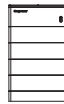
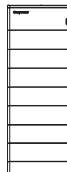
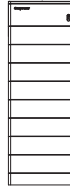


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» Stacked Solution

Parameters		GPHB-48100S-2	GPHB-48100S-3	GPHB-48100S-4	GPHB-48100S-5	GPHB-48100S-6	GPHB-48100S-7	GPHB-48100S-8
Battery module quantity								
Battery module energy (kWh)	10.24	15.36	20.48	25.60	30.72	35.84	40.96	
Module Number	2	3	4	5	6	7	8	
Rated Voltage (V)	102.4	153.6	204.8	256.0	307.2	358.4	409.6	
Voltage Range (V)	86.4-116.8	129.6-175.2	172.8-233.6	216.0-292.0	259.2-350.4	302.4-408.8	345.6-467.2	
Rated Charge Current(A)	20	20	20	20	20	20	20	
Rated Discharge Current(A)	50	50	50	50	50	50	50	
Max. Discharge Current (A)	75	75	75	75	75	75	75	
Dimension:(W*D*H)	600*390*652	600*390*816	600*390*979	600*390*1143	600*390*1306	600*390*1470	600*390*1633	
Weight (kg)	119	165	212	258	304	350	397	
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							