

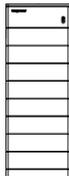
102V-400V High Voltage Stacked Battery

GP HB-48100S-2/3/4/5/6/7/8


100-400V


IP65



Parameters	48100S-2	48100S-3	48100S-4	48100S-5	48100S-6	48100S-7	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	0°C~50°C						
Discharge Temperature Range	-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						
Transportation	UN38.3						



Cost-effective

10-year lifespan design with over 6000 charge cycles



Smart Operation & Maintenance

Multi-platform monitoring with remote control and upgrade support



Safety and Reliability

Built-in BMS, IP65 high-grade protection



Enhanced Energy Efficiency

Supports 8 battery cells in series for up to 40.96kWh capacity



User-Friendly

Stackable design for flexible expansion and easy installation



Superior Performance

Maximum 75A discharge current meets high-power demands for villas