

Residential Power Box

Residential High Voltage Stackable
Battery Storage System



High energy capacity up to 30kWh,
to meet a family's 24-hour
standby power.



Proven safety with advanced BMS and
lithium iron phosphate cells,
safe integration for home storage.



6000+ cycles,
7 to 10 years warranty.



High capacity,
single block 5.12kWh
Up to 6 combinations.



Scalable design
Easy Installation
Stacked design, no wiring.



Wide compatibility with a range
of hybrid inverters. Independent operation
possible without serial communication.





	HVB 10.24	HVB 15.36	HVB 20.48	HVB 25.6	HVB 30.72
System Selection					
Modules	2	3	4	5	6
Type	SHSIFP204050A	SHSIFP307050A	SHSIFP409050A	SHSIFP512050A	SHSIFP614050A
Battery Tower Parameters					
Module Capacity (kWh)	10.24	15.36	20.48	25.6	30.72
Power (kW)	5.12	7.68	10.24	12.8	15.36
Max. Power (kW)	10.24	15.36	20.48	25.6	30.72
Recommended C-Rate	≤0.5C				
Size (Height, mm)	638.5	823.5	1008.5	1193.5	1378.5
Weight (kg)	157.5	221.5	285.5	349.5	413
Technical Parameters					
Nominal System Voltage(V)	204.8	307.2	409.6	512.0	614.4
Module Capacity (Ah)	50				
Min. Operating Voltage (V)	179.2	268.8	358.4	448.0	537.6
Max. Operating Voltage (V)	230.4	345.6	460.8	576.0	691.2
Charging and discharging Current (A)	25A (0.5C)				
Max. Charging Current (A)	50A (1C)				
Max. Discharging Current (A)	≤60A (1.2C for max. 10min)				
Max. available Capacity at 90%DOD (kWh)	9	13.5	18	22.5	27
Single Module Dimension (L*D*H, mm)	740*480*185				
BMU Dimension (L*D*H, mm)	740*480*213.5				
Base Dimension (L*D*H, mm)	740*480*240				
Charging and Discharging Efficiency	≥98%				
Operating Temperature (C)	Discharge: -20~50 (Recommended 5~40) / Charge: 0~45 (Recommended 15~30)				
Humidity (%)	0~95 (non-condensing)				
Protection Class	IP51				
Communication	CAN/RS485 (System can operate and protect independently without communication.)				
Certifications and Standards	CE, CB, UN38.3				

■ Products specifications described herein are subject to change without prior notification.



24/7 technical support before, during and after sales.



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