



C&I Stackable BESS (HV) (10.44-52.22) kWh

FROM GRID TO HOME



KEY FEATURES



IP65

High protection level for indoor & outdoor

Easy

Quick installation with stackable modules

30.72kW

Max. continuous power

10Years

10 Years Warranty

OTA

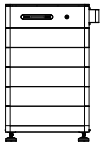
Real-time monitoring & remote upgrades

208.9kWh

Max.capacity with 4 groups



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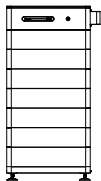
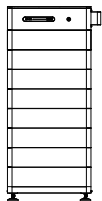
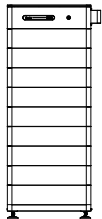
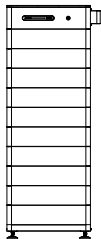
Type Designation	SieB-HP10K4-F	SieB-HP15K6-F	SieB-HP20K8-F	SieB-HP26K1-F	SieB-HP31K3-F
Technical data					
Usable energy* [kWh]	10.44	15.67	20.89	26.11	31.33
Depth of discharge	Max.100% DOD (settable)				
Module type	SieB-HP5222-F				
Module parameter	51.2V 102Ah 640*400*184 45.2kg±1kg				
Cell type	LFP (LiFePO4)				
	2	3	4	5	6
Max. module configuration					
Cell configuration	1P32S	1P48S	1P64S	1P80S	1P96S
Nominal voltage [V]	102.4	153.6	204.8	256	307.2
Operating voltage range [V]	91.2-115.2	136.8-172.8	182.4-230.4	228-288	273.6-345.6
Max. continuous current** [A]	60				
Max. continuous power** [kW]	6.14	9.22	12.29	15.36	18.43
Communication	CAN / RS485				
Weight [kg]	108.8	154	199.2	244.4	289.6
Dimensions (W*D*H) [mm]	640*400*600	640*400*750	640*400*900	640*400*1050	640*400*1200
Operating temperature [°C]	Charge: 0-50 / Discharge: -20-50				
Storage temperature [°C]	-20-45 (≤1 Months) / -20-25 (≤6 Months)				
Humidity [%]	5-95				
Altitude [m]	≤2000				
Degree of protection	IP66 (Indoor / Outdoor)				
Cooling	Natural convection				
Installation location	Floor-standing				
Display	SOC indicator , Status indicator				
Warranty***	10 Years				

* Test conditions: 3.0V~3.5V, 0.2C Charge(CC-CV) and Discharge at 25±3°C; 100% depth of discharge (DOD);

** Max. Continuous Current / Power derating will occur related to Temperration / SOC/ Humidity;

*** Refer to Swatten SieB-HP-F Limited Warranty Letter.

C&I Stackable BESS (HV) (10.44-52.22) kWh

Type Designation	SieB-HP36K5-F	SieB-HP41K7-F	SieB-HP47K0-F	SieB-HP52K2-F
Technical data				
Usable energy* [kWh]	36.56	41.78	47.00	52.22
Depth of discharge	Max.100% DOD (settable)			
Module type	SieB-HP5222-F			
Module parameter	51.2V 102Ah 640*400*184 45.2kg±1kg			
Cell type	LFP (LiFePO4)			
Max. module configuration	7 	8 	9 	10 
Cell configuration	1P112S	1P128S	1P144S	1P160S
Nominal voltage [V]	358.4	409.6	460.8	512
Operating voltage range [V]	319.2-403.2	364.8-460.8	410.4-518.4	456-576
Max. continuous current** [A]	60			
Max. continuous power** [kW]	21.50	24.58	27.65	30.72
Communication	CAN / RS485			
Weight [kg]	334.8	380	425.2	470.4
Dimensions (W*D*H) [mm]	640*400*1350	640*400*1500	640*400*1650	640*400*1800
Operating temperature [°C]	Charge: 0-50 / Discharge: -20-50			
Storage temperature [°C]	-20-45 (≤1 Months) / -20-25 (≤6 Months)			
Humidity [%]	5-95			
Altitude [m]	≤2000			
Degree of protection	IP66 (Indoor / Outdoor)			
Cooling	Natural convection			
Installation location	Floor-standing			
Display	SOC indicator , Status indicator			
Warranty***	10 Years			

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