

SieB-H-F Battery Energy Storage System-Home(HV)



Manufacturer		SieB-H-F Battery Energy Storage System-Home(HV)					
System Model Type		SieB-H9600-F	SieB-H12K8-F	SieB-H16K0-F	SieB-H19K2-F	SieB-H22K4-F	SieB-H25K6-F
Nominal Energy(kWh)		9.60	12.80	16.00	19.20	22.40	25.60
Usable Energy(kWh)*1		8.64	11.52	14.40	17.28	20.16	23.04
Module Type		SieB-H3200-F					
Module Parameter		64V 50Ah 615*360*175mm 35kg					
Cell Type		LFP (LiFePO4)					
Max. Module Configuration		3	4	5	6	7	8
Cell Configuration		1P60S	1P80S	1P100S	1P120S	1P140S	1P160S
Nominal Voltage(V)		192	256	320	384	448	512
Operating Voltage Range(V)		180~216	240~288	300~360	360~432	420~504	480~576
Max. Continuous Current(A)*2		30					
Max. Continuous Power(kW)*2		5.76	7.68	9.6	11.52	13.44	15.36
Communication		CAN / RS485					
Weight(Kg)		120	155	190	225	260	295
Dimensions(W*D*H)(mm)		615*360*755	615*360*910	615*360*1065	615*360*1220	615*360*1375	615*360*1530
Operating Temperature(°C)		Charge: 0~50 / Discharge: -20~50					
Storage Temperature(°C)		-20~45(≤1 Months) / -20~25(≤6 Months)					
Humidity		0%~95%					
Altitude(m)		≤2000					
Enclosure Type		IP55 (Indoor / Outdoor)					
Cooling		Natural convection					
Installation Location		Floor-standing					
Display		SOC indicator, Status indicator					
Standard and Certification	Safety	IEC62619, IEC62040-1, IEC62477-1, CEC					
	EMC	IEC61000-6-1/3					
	Transportation	UN38.3 / ADR					
	Others	ROHS					
Warranty*3		10 Years					
1. Test conditions: 3.0V~3.5V, 0.2C Charger(CC-CV) and Discharger at 25±3 °C ;							
2. Max. Continuous Current/Power derating will occur related to Temperature / SOC / Humidity;							
3. Refer to Swatten SieB-H-F Limited Warranty Letter;							