

F-Pro Series

Stackable BESS
(Battery Energy Storage System)



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Technical data

Manufacturer	SieB-H9200-P	SieB-H13K8-P	SieB-H18K4-P	SieB-H23K0-P	SieB-H27K6-F	SieB-H32K2-F	SieB-H36K8-F
Nominal Energy (kwh)	9.60	13.80	18.40	23.00	27.60	32.20	36.80
Usable Energy (kwh)*1	8.28	12.42	16.56	20.70	24.84	28.98	33.12
Module Type	SieB-H4600-P						
Module Parameter	64V 72Ah 615*360*165mm 41.5kg						
Cell Type	LFP (LiFePO4)						
Max. Module Configuration	2	3	4	5	6	7	8
Cell Configuration	1P40S	1P60S	1P80S	1P100S	1P120S	1P140S	1P160S
Nominal Voltage (V)	128	192	256	320	384	448	512
Operating Voltage Range (V)	114~144	171~216	228~288	285~360	342~432	399~504	456~576
Max. Continuous Current (A)*2	36						
Max. Continuous Power (kW)*2	4.61	6.91	9.22	11.52	13.82	16.13	18.43
Communication	CAN / RS485						
Weight (kg)	96.1	137.6	179.1	220.6	262.1	303.6	345.1
Dimensions (W*D*H) (mm)	345*360*580	615*360*730	615*360*880	615*360*1030	615*360*1180	615*360*1330	615*360*1330
Operating Temperature (°C)	Charge: 0~55 / Discharge: -25~55						
Storage Temperature (°C)	-30~60 (≤7 Days) / -20~45 (≤3 Months) / 10~35 (≤6 Months)						
Humidity	0%~95%						
Altitude (m)	≤2000						
Enclosure Type	IP65 (Indoor / Outdoor)						
Cooling	Natural convection						
Installation Location	Floor-standing						
Display	SOC indicator, Status indicator						
Standard and Certification	Safety	IEC 62619, IEC 63056, IEC 60730, IEC 62040-1, IEC62477-1, CEC					
	EMC	IEC 61000-6-1/3					
	Transportation	UN38.3					
	Others	RoHS, REACH					
Warranty*3	10 Years						

1. Test conditions: 3.0V~3.5V, 0.2C Charge (CC-CV) and Discharge 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;

KEY FEATURES

INSTALLATION FRIENDLY

- Stackable design with MC4 connectors
- Lightweight modules, **41.5kg**/pack
- Indoor or outdoor installation, **IP65** protection rating

FLEXIBLE

- Expandable system
- Modular scalability
- Support 2-8 modules per unit
9.2kwh-36.8kwh

SAFE & RELIABLE

- **10 Years** warranty & **6000 Cycle** life
- Dual-layer insulation protection for battery cells and BMS
- **720 hours** alternating salt spray test

SMART CONTROL

- Remote start, software upgrades
- Real-time data monitoring