

SP-HV3680-S / 7-36kWh

Residential High Voltage Lithium Battery



Original battery
active balance technology



Flexible capacity options
7.36kWh to 36.8kWh



Easy installation with
modular and stacked design



Remote diagnosis
real-time data monitoring



Remote update &
Black start through inverter



HV-BOX03
HV BMS Control Box
+
Bottom Base



SP-HV3680-S
3.68kWh LiFePO4 Battery pack,
51.2V, 72AH



High Voltage Energy
Storage Battery

									
System	SP-HV3680-S2	SP-HV3680-S3	SP-HV3680-S4	SP-HV3680-S5	SP-HV3680-S6	SP-HV3680-S7	SP-HV3680-S8	SP-HV3680-S9	SP-HV3680-S10
Battery System Energy	7.36 kWh	11.04 kWh	14.72 kWh	18.40 kWh	22.08 kWh	25.76 kWh	29.44 kWh	33.12 kWh	36.80 kWh
Rated Battery Voltage	102.4 V	153.6 V	204.8 V	256 V	307.2 V	358.4 V	409.6 V	460.8 V	512 V
Rated capacity	72 Ah								
Rated Circuit	36A								
Max Charging/Discharging Current	50A								
Cycle times	≥6000 times * (more cycle life requirement, please contact us for details)								
Dimensions(W×H×D)	710×502×320 mm	710×639×320 mm	710×776×320 mm	710×913×320 mm	710×1050×320 mm	710×1187×320 mm	710×1324×320 mm	710×1461×320 mm	710×1598×320 mm
System Net Weight	93.84 kg	130.96 kg	168.08 kg	204.66 kg	246.64 kg	275.12 kg	316.56 kg	353.68 kg	390.8 kg
Communication	RS485/CAN								
Module									
Battery Module Energy	3.68 kWh								
Rated Battery Module Voltage	51.2 V								
Battery Module Dimensions (W×H×D)	710×137×320 mm								
Net Weight	36.32 kg								
Environment									
Operating Temperature	-10℃~55℃ (Charge) / -20℃~55℃ (Discharge)								
Storage Temperature	-30℃~60℃								
Operating Humidity	5%~95%RH, non-condensing								
Operating Altitude	4000 m								
Cooling	Natural convection								
Installation	Wall-mounted or Floor-mounted								
Ingress Protection Rating	IP65								
Warranty	5/10 years								
Certification	IEC 62619, IEC 63056 MSDS, IEC 62040-1, IEC 61000-6-1, IEC 61000-6-3, UN 38.3								

*25°C, 0.5C, 80% DOD