

**Remote
Monitoring**

Self-developed APP

**Voltage
Balancing**

Voltage balancing
between
battery cells&battery pack

>10.000

Cycle Life@25°C

**Multiple Safety
Protection**

Relay, Fuse

5120Wh

Support up to 4 Series
Connection
102.4V, 5120–20480Wh

**Automatic
Wake-up
Function**

Under off-grid
System Environment

Smart BMS

Self-developed BMS

Warranty

10 years

HIGH-VOLTAGE LI-ION (LFP) BATTERY

SP_B-5K-5000HV



HIGH-VOLTAGE LI-ION BATTERY (LFP)

SP_B-5K-5000HV



MODEL		SP_B-5K-5000HV
Total Energy		5.1kWh
Usable Energy(DC)		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Voltage		96~112Vd.c
Constant Current (Only Discharge)		30A
Nominal Voltage		102.4Vd.c
Nominal Current		30A
Max. Charge Voltage		115.2Vd.c
Weight		45kg
Dimension(mm)		520*442*133mm
Max.recommended DOD		90%
Operating Condition		Indoor
Operating Temperature	Charge	From 0~50°
	Discharge	From -10~55°
WIFI Frequency Range		2400MHz~2483MHz
Humidity		<60%(No condensed water)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		Black
Installation		Wall mounting/Ground Installation
IP rating		IP 20
Protective Class I		I
Max. Connection Number		4S
Warranty		10 years (12 years only if connected by monitoring system)
Life Span		>15 years
Communication		CAN/ RS485
Protection Mode		Dual hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety Protection Mode		Cell UL TUV
		CE/TUV
Hazardous Material Classification		9
Transportation		UN 38.3

