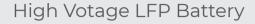
SBH100/150/200/ 250/300/350/400











- Up to 50A continuous charging and discharging current, 8 modules unit power up to 28kW
- Up to 100% usable energy



SAFETY

- · Lithium iron phosphate Battery
- Multi-stages protection design and extensive safety certification



- · Extendable during lifetime
- Support 2-8 modules per unit, max. 4 units in parallel, 10–160 kWh capacity range



EASY INSTALLATION

Plug and play, no cable needed between battery modules



2 modules 3 modules 4 modules 5 modules 7 modules 8 modules 8 modules 8 modules 8 modules 5 modules 7 modules 8 mo	Type designation	SBH100	SBH150	SBH200	SBH250	SBH300	SBH350	SBH400	
System Data Battery type	Technical properties								
Battery type		2 modules	3 modules	4 modules	5 modules	6 modules	7 modules	8 modules	
Battery module 10.0 kWh 15.0 kWh 20.0 kWh 25.0 kWh 30.0 kWh 35.0 kWh 40.0 kWh 40.0 kWh 35.0 kWh 40.0 kWh 40.	-			1:5-	DO (Dui +i-	C-II			
Energy (useable)									
Nominal voltage	3	30.0) 4/	75.01.14/1	00.01.14/	, ,	70.01.14/1	75.0 14/1	(0.0.1.14/1	
Rated DC power 7.04 kW 10.56 kW 14.08 kW 17.60 kW 21.12 kW 24.64 kW 28.16 kW Operating voltage 118.8V-160.6V 178.2V-240.9V 237.6V-321.2V 297V-401.5V 356.4V-481.8V 415.8V-562.1V 475.2V-642.4V Max. charging/discharging current: continuous Depth of discharge	,								
Operating voltage 118.8V-160.6V 178.2V-240.9V 237.6V-321.2V 297V-401.5V 356.4V-481.8V 415.8V-562.1V 475.2V-642.4V Max. charging/discharging current: continuous 50 A 50 A 50 A 475.2V-642.4V Depth of discharge Max. 100% DOD (settable) 50 A 5	-								
Max. charging/discharging current: continuous Depth of discharge Max. 100%DOD (settable) Display SOC indicator, Status indicator CAN Protection Over/under voltage protection Over/under temperature protection Over/under temperature protection DC breaker General Data 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Dimensions (W*H*D) 350 mm Weight 106 kg 151 kg 196 kg 241 kg 286 kg 331 kg 376 kg 1nstallation location Mounting method Operating ambient temperature range Degree of protection Operating ambient temperature range Max. 2000 m Natural convection Certificates CAN Floor CAN Floor CAN Floor CAN Floor CAN Floor Continuation of Continuation Max. 2000 m Natural convection Certificates CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50									
Current: continuous		118.8V-160.6V	178.2V-240.9V	237.6V-321.2V	29'/V-401.5V	356.4V-481.8V	415.8V-562.1V	4'/5.2V-642.4V	
Max. 100%DOD (settable SOC indicator, Status indicator SOC indicator, SoC indicator		50 A							
SOC indicator, Status indicator CAN									
Communication interface CAN Protection Yes Over/under voltage protection Yes Over/under temperature protection Yes Over/under temperature protection Yes Double Standard Stan		,							
Protection Over/under voltage protection Yes Over current protection Yes Over/under temperature protection Yes Dc breaker Yes General Data 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Dimensions (W*H*D) 350 mm 950 mo 950 mo 950 mo <	Display	SOC indicator, Status indicator							
Over/under voltage protection Yes Over current protection Yes Over/under temperature protection Yes DC breaker Yes General Data Dimensions (W*H*D) 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Dimensions (W*H*D) 350 mm 376 kg 100 mm	Communication interface	CAN							
Over current protection Yes Over/under temperature protection Yes DC breaker Yes General Data Dimensions (W*H*D) 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Dimensions (W*H*D) 350 mm 280 kg 280 kg 331	Protection								
Over/under temperature protection Yes DC breaker Yes General Data Fest (arrange of protection) 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Dimensions (W*H*D) 350 mm 260 kg 260 kg 260 kg <td>Over/under voltage protection</td> <td colspan="7">Yes</td>	Over/under voltage protection	Yes							
DC breaker Yes General Data Floor Stand Dimensions (W*H*D) 675*580* 675*740* 675*900* 675*1060* 675*1220* 675*1380* 675*1540* Weight 106 kg 151 kg 196 kg 241 kg 286 kg 331 kg 376 kg Installation location Floor stand Mounting method Floor stand Operating ambient temperature range Charge: 0 °C - 50°C Discharge: -20 °C - 50°C Degree of protection IP55 Allowable relative humidity range Max. 2000 m Max. operating allitude Max. 2000 m Cooling method CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Over current protection	Yes							
General Data Dimensions (W*H*D) 675*580* 350 mm 3	Over/under temperature protection	Yes							
Cooling method Certificates CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50 G75*1380* 675*1540* G75*1540* G75*580* G75*580* G75*580* G75*740* G75*900* G75*1060* G75*1060* G75*1380* G75*1380* G75*1540* G75*1380* G75*1380* G75*1540* G75*1380* G75*138	DC breaker	Yes							
Dimensions (W*H*D) 350 mm 376 kg 376 kg 376 kg 378 kg 376 kg 378 kg	General Data								
Weight 106 kg 151 kg 196 kg 241 kg 286 kg 331 kg 376 kg Installation location Mounting method Floor stand Operating ambient temperature range Charge: 0 ℃ - 50℃ Discharge: -20 ℃ - 50℃ Degree of protection Allowable relative humidity range 0% - 95% no condensing Max. operating altitude Max. 2000 m Cooling method Natural convection Certificates CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Dimensions (\M/*H*D)								
Installation location Mounting method Operating ambient temperature range Degree of protection Allowable relative humidity range Max. operating altitude Cooling method Certificates Indoor / Outdoor Floor stand Ocharge: 0 ℃ - 50 ℃ Discharge: -20 ℂ - 50 ℂ Discharge: -2	Diffierisions (W H D)								
Mounting method Operating ambient temperature range Degree of protection Allowable relative humidity range Max. operating altitude Cooling method Certificates Floor stand Charge: 0 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Discharge: -20 ℃ - 50 ℃ Netural convection CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Weight	106 kg	151 kg	196 kg	241 kg	286 kg	331 kg	376 kg	
Operating ambient temperature range Charge: 0 ℃ - 50℃ Discharge: -20 ℃ - 50℃ Degree of protection Allowable relative humidity range Max. operating altitude Cooling method Certificates Charge: 0 ℃ - 50℃ Discharge: -20 ℃ - 50℃ IP55 Max. 2000 m Natural convection CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Installation location	Indoor / Outdoor							
Degree of protection Allowable relative humidity range Max. operating altitude Cooling method Certificates IP55 0% - 95% no condensing Max. 2000 m Natural convection CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Mounting method	Floor stand							
Allowable relative humidity range Max. operating altitude Cooling method Certificates O% - 95% no condensing Max. 2000 m Natural convection CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Operating ambient temperature range	Charge: 0 ℃ - 50℃ Discharge: -20 ℃- 50℃							
Max. operating altitudeMax. 2000 mCooling methodNatural convectionCertificatesCE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Degree of protection		IP55						
Cooling method Natural convection Certificates CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Allowable relative humidity range			0% -	95% no conden	sing			
Certificates CE, CEC, IEC 62619, IEC 62040, UN38.3, VDE 2510-50	Max. operating altitude				Max. 2000 m				
02, 020, 120 020, 120 020, 120 020, 120 020	Cooling method			N	atural convection	on			
Warranty 10 Years	Certificates		CE	E, CEC, IEC 62619	9, IEC 62040, UN	138.3, VDE 2510-5	50		
	Warranty**		10 Years						

^{*} Test conditions: 25°C , 100% depth of discharge (DOD), 0.2C charge&discharge



 $[\]ensuremath{^{**}}$ Refer to battery warranty letter for conditional application.