

Quick Installation Guide

High Voltage LFP Battery

SBH100 / SBH150 / SBH200 / SBH250

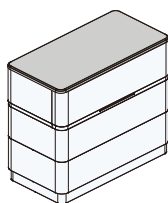
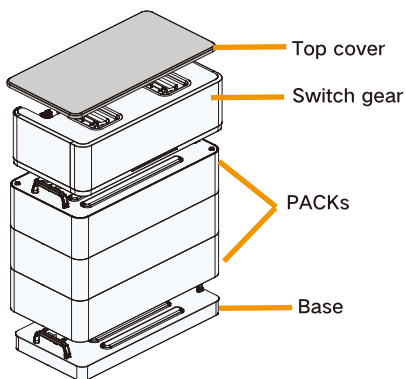
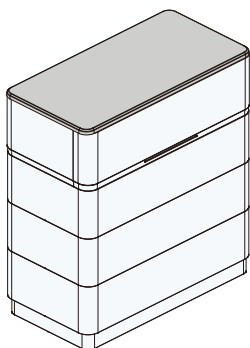
SBH300 / SBH350 / SBH400



NOTICE

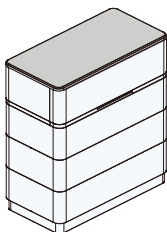
For safety instructions, please refer to the last section of this guide.

Product Introduction



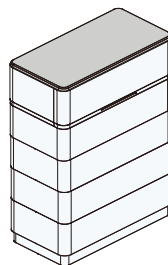
n=2
10.0 kWh

SBH100



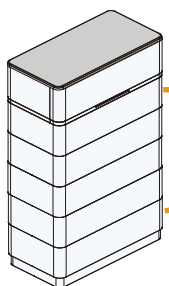
n=3
15.0 kWh

SBH150



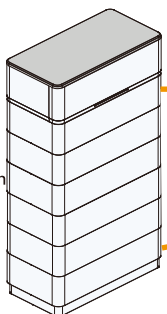
n=4
20.0 kWh

SBH200



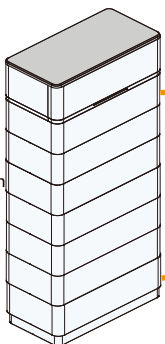
n=5
25.0 kWh

SBH250



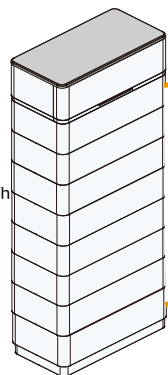
n=6
30.0 kWh

SBH300



n=7
35.0 kWh

SBH350

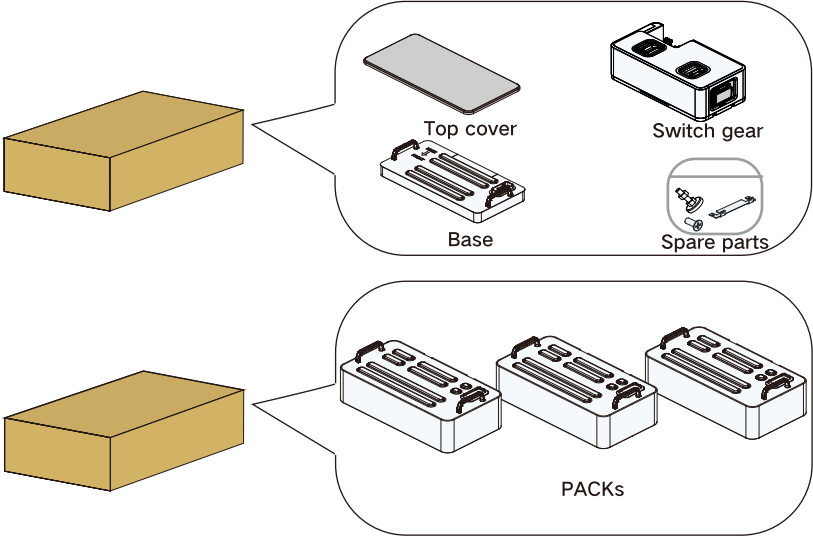


n=8
40.0 kWh

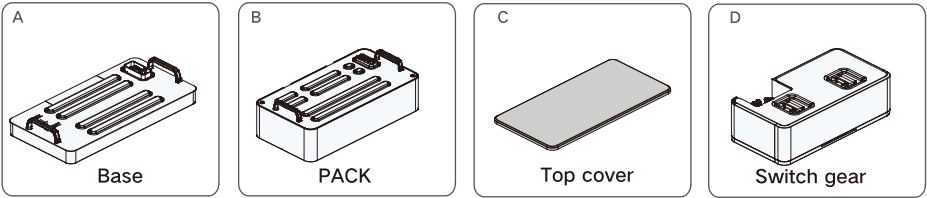
SBH400

n=number of PACKs

Scope of Delivery

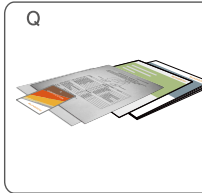
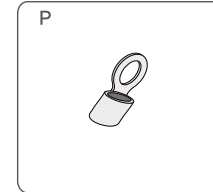
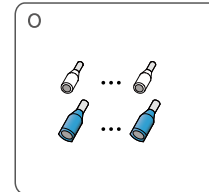
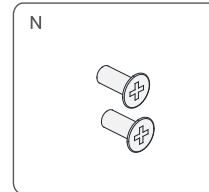
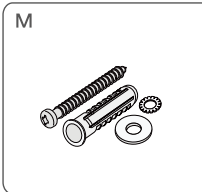
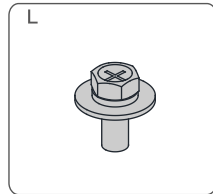
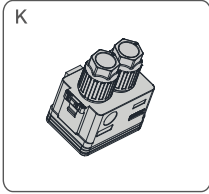
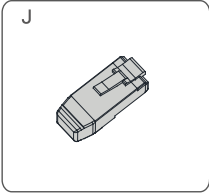
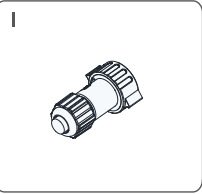
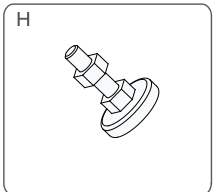
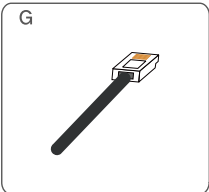
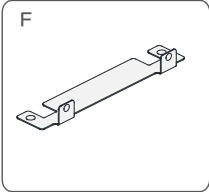
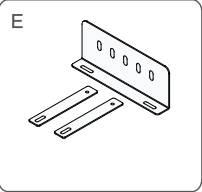


Major Components:



No.	Model	Base	PACKs	Top cover	Switch gear
1	SBH100	1	2	1	1
2	SBH150	1	3	1	1
3	SBH200	1	4	1	1
4	SBH250	1	5	1	1
5	SBH300	1	6	1	1
6	SBH350	1	7	1	1
7	SBH400	1	8	1	1

Spare parts :



No.	Name	Quantity
E	Battery fixing bracket	1
F	Switch gear fixing bracket	2
G	Communication cable	1
H	Footpads	4
I	Communication connector	2
J	Termination resistor	1
K	Power connector	1
L	M5 screw assembly	5
M	Expansion bolt	3
N	M4 countersunk screw	6
O	Cold-pressed terminal	2
P	OT terminal	1
Q	Quick installation guide	1

Mounting location



50 °C (122 °F)



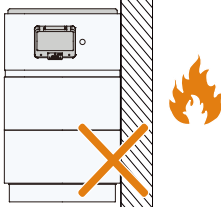
0 °C (32 °F)



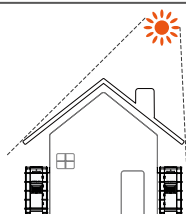
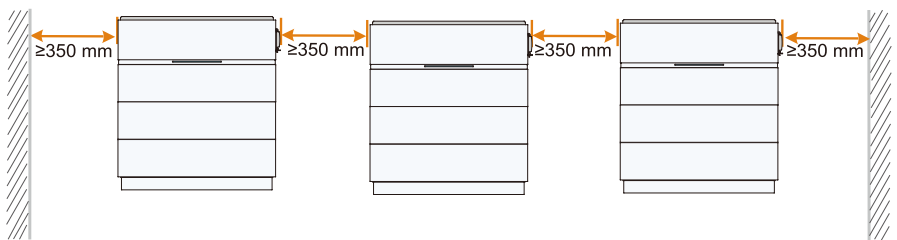
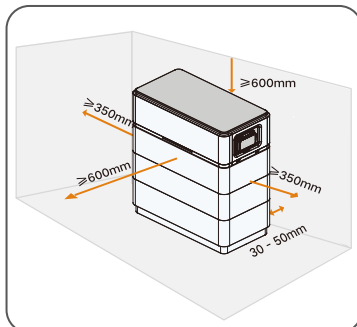
0 - 95 %



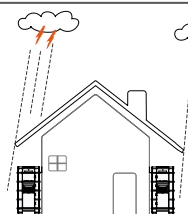
(Prohibited)



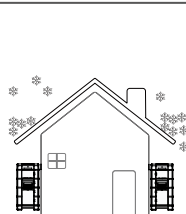
(Prohibited)



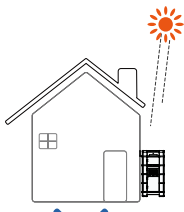
(Recommended)



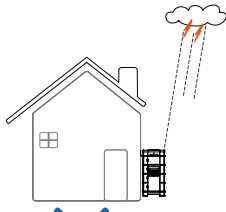
(Recommended)



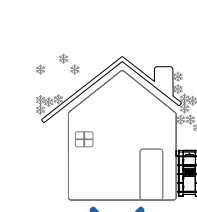
(Recommended)



(Prohibited)



(Prohibited)



(Prohibited)

Installation Tools

Goggles



Dust mask



Protective gloves



Insulated shoes



Electric screwdriver
ST6.3, M4, M5, M6



Utility knife



Marker



Rubber mallet



Wrench: 16 mm,
17 mm, 35 mm



Crimping tool



Level



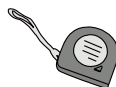
Hammer drill:
φ10



Phillips screwdriver:
ST6.3, M4, M5, M6



Measuring tape



Wire stripper



Hydraulic plier



Heat gun



Allen wrench

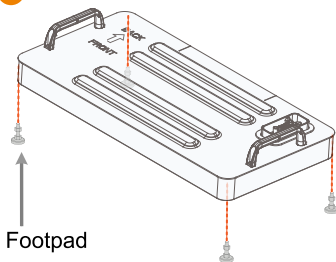


Tube terminal
crimping tool (10mm²)

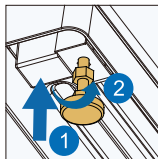


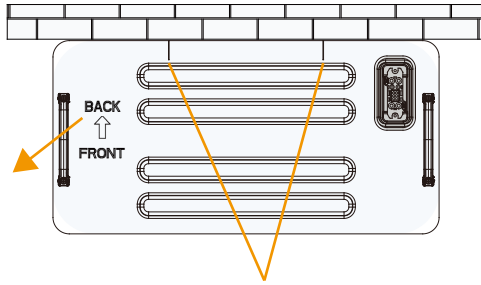
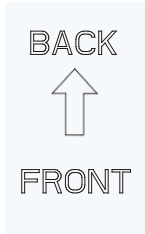
Mounting

1



17 mm
20 N · m



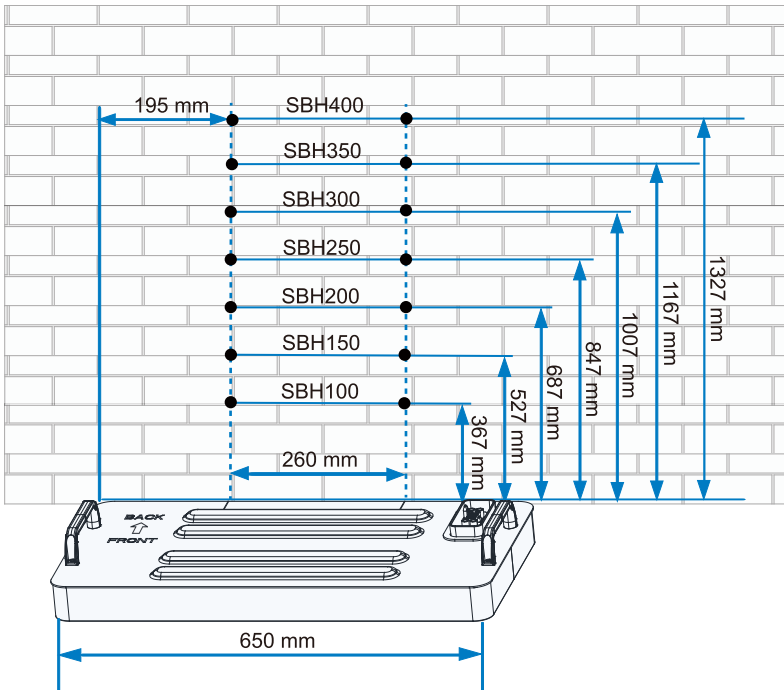


Reference lines for hole drilling

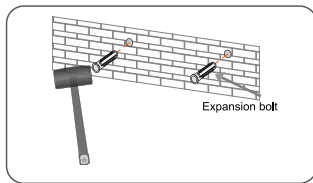
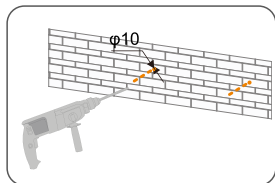
(Used for determining the spacing between the two holes at the ends of the battery fixing bracket)

Directional sign on the base

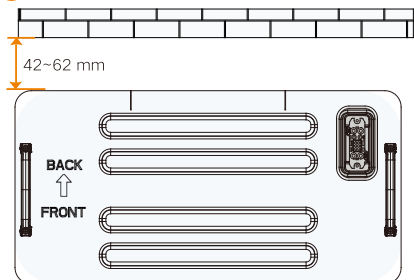
front of the base (FRONT) → back of the base (BACK)



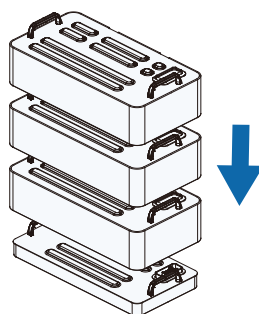
3



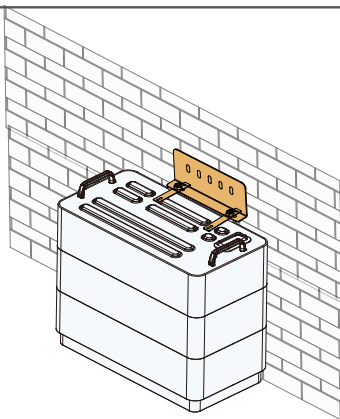
4



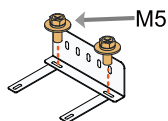
5



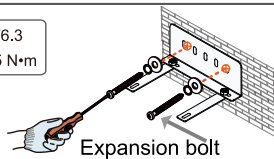
6



⊕ M5
C 2.5 N·m



⊕ ST6.3
C 7.5 N·m



⊕ M5
C 2.5 N·m

