SRNE

SR-DCB DC BUSBAR BOX SERIES USER MANUAL

1 Specification parameters

MODEL	SR-DCB-1	SR-DCB-2
MAIN		
Voltage Range	≤60V	
Max.DC Current	800A	300A
Max.Power	40.96kW	15.36kW
DC Breaker	–	400A
Number Of Wiring Terminals	8+8	4+4
GENERAL DATA		
Weight	4.5kg	3.2kg
Dimension	353*328*115mm	270*183*106mm
Ingress Protection	IP65	IP30
Cooling Type	Natural	
Operating Ambient Temperature	-30°C~+60°C	
Storage Temperature	-40°C~+80°C	
Altitude	Below 3000	
Installation Type	Wall mounted	

2 Installation instructions

Inspection of deliverables

After opening outer package of the energy storage, check if the deliverable is complete and whether there is any visible external damage. If any items are missing or damaged, please contact us.

SR-DCB-1

Picture							
Item	Low Voltage Battery Busbar Box	Mounting Frame Screw	Pan head screw M8*14	bracket	Qualified certificate	Installation auxiliary board	wiring terminal
Quantity	1 Pcs	2 Pcs	16 Pcs	2 Pcs	1 Pcs	1 Pcs	8 Pcs

SR-DCB-2

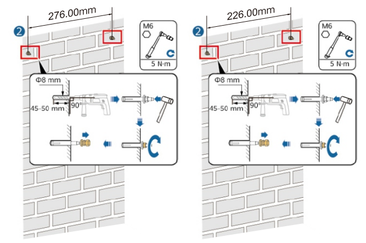
Picture							
Item	Low Voltage Battery Busbar Box	Mounting Frame Screw	Pan head screw M8*14	bracket	Qualified certificate	Installation auxiliary board	wiring terminal
Quantity	1 Pcs	2 Pcs	8 Pcs	2 Pcs	1 Pcs	1 Pcs	4 Pcs

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3 Wall mount

Install Expansion Bolts

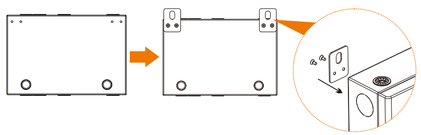
Determine the mounting location and mark where holes need to be punched according to the Mounting Auxiliary Plate Procedure.



SR-DCB-1 SR-DCB-2

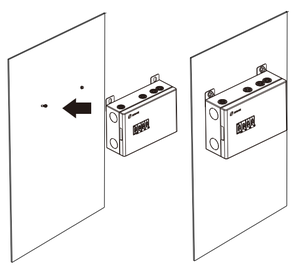
Install Of Fixing Bracket

Lock the fixing bracket into the corresponding hole in the battery busbar box.



Install Battery Busbar Box

Hook the battery busbar box to the installed screws and lock the nuts.



4 Power cord connection

Connecting the inverter

Connect the power cables of the inverter to the terminals of the battery busbar box respectively

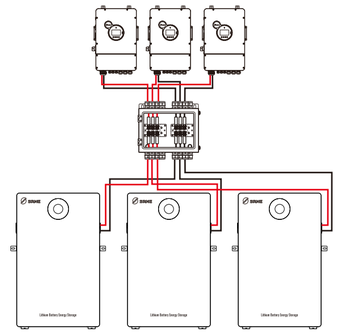
⚠ **Note: Distinguish between positive and negative power cords**

Can be paired with SRNE inverters and batteries

POWER CABLE + ——— POWER CABLE – ———

SR-DCB-1 Typical Wiring Diagram

Inverter Power: < 40kW



SR-DCB-2 Typical Wiring Diagram

Inverter Power: < 15kW

