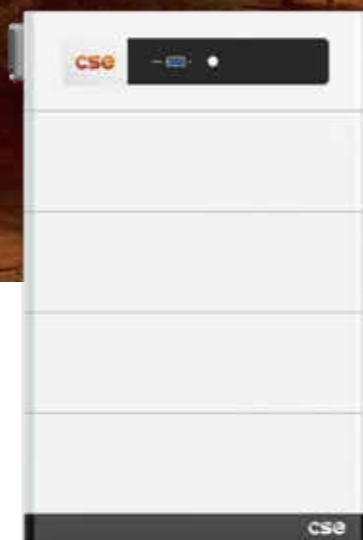


CSE-RBH Series

10kWh~20kWh Residential High Voltage Stackable Battery



Reliable Safety

- IP65 protection for outdoor installation safety.
- Extensive cycle life and range of certifications.

Flexible Design

- Stackable module with user-friendly panels.
- Supports operation in series(4~8S).

Intelligent Control

- Remote diagnosis and update.
- Supports real-time data monitoring.

Module Technical Specifications:

Model	RBH-M-2.5K-48
Nominal Capacity	2.5kWh
Nominal Voltage	48V
Charging Voltage	53.25V
Discharging Voltage Range	38.25~53.25V
Max. Charging Current	35A
Charging Current	25A
Max. Discharging Current	35A
Discharging Current	25A
Max. Power	2500W
DOD	90%
Scalability	4-8 Modules in series
Communication	CAN
Cycle Life	≥6000@25°C 0.5C
Operate Temperature	Charge: 0°C~+55°C, Discharge: -10°C~+55°C
Storage Temperature	-10°C~+35°C
Weight	~24Kg
IP Rate	IP65
Transportation SOC	30%
Dimension	220mm*606mm*170mm
Installation	Floor mounted
Certification	UN38.3, IEC 62619

Battery System Technical Specifications:

High Voltage Stackable Energy Storage Battery					
Module Number	4	5	6	7	8
Model	RBH-S-10K	RBH-S-12.5K	RBH-S-15K	RBH-S-17.5K	RBH-S-20K
Capacity	52Ah				
Nominal Voltage	192V	240V	288V	336V	384V
Battery Type	LFP				
Connection	1P60S	1P75S	1P90S	1P105S	1P120S
Operate Voltage Range	153~213V	191.2~266.2V	229.5~319.5V	267.75~372.75V	306~426V
Working Temperature	Charge: 0°C~55°C Discharge: -10°C~55°C				
Nominal Energy (kWh)	9.984	12.48	14.97	17.47	19.97
Max. Charge Current	35A				
Max. Discharge Current	35A				
Weight (Kg)	~105	~129	~152.3	~176.2	~199.5
Dimension(mm)	220*606*900	220*606*1070	220*606*1240	220*606*1410	220*606*1580
IP Rate	IP65				
Transportation SOC	30%				
Storage Temperature	-10°C~+35°C				
Cycle Life	≥6000@25°C, 0.5C, 90%DOD				
Installation	Floor Mounted				
Certification	IEC62619, UN38.3				