

## HIGH PERFORMANCE BATTERY 11KWH-30KWH

Residential energy storage system, modular high-voltage battery, suitable for residential energy storage, One set provides electricity for the whole house.



High-voltage battery design supports high-speed charging and discharging. Meet the needs of high-capacity applications.

Support a variety of communication protocols, support RS485 & CAN. Standard with WIFI for OTA firmware update.

All-in-one design, Battery pack auto alignment Tool-free installation.

Each battery pack with independent DC fuse ensure battery safety.

Compatible with most of the hybrid inverters in EU market.

- ⚡ High Voltage
- ⚡ Scalable from 11kWH to 30kWH
- ⚡ Quick connectors for fast installation
- ⚡ 90% Depth of Discharge
- ⚡ Wide Temperature Tolerance



Modular structure



Long cycle life



LED light display



Smart battery system

# DATASHEET

## HIGH VOLTAGE BATTERY SERIES

RH-3B/4B/5B/6B/7B/8B

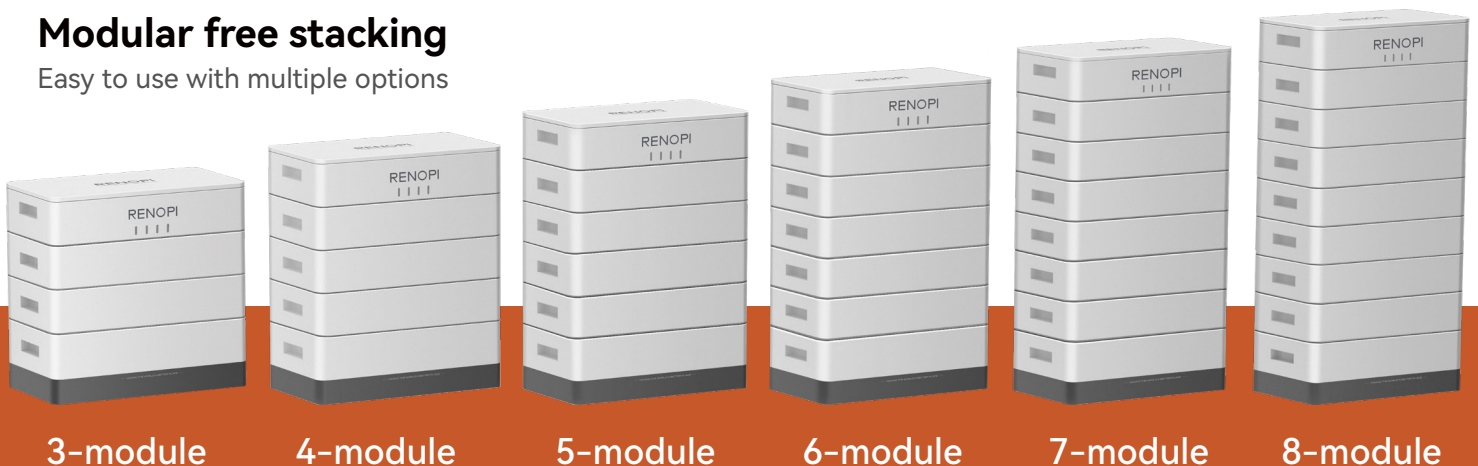
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RENOPI MODEL	RH-3B	RH-4B	RH-5B	RH-6B	RH-7B	RH-8B
<b>Battery Parameters</b>						
Nominal Capacity(KWH)	11.52	15.36	19.2	23.04	26.88	30.72
Cell Matching	72S1P	96S1P	120S1P	144S1P	168S1P	192S1P
Nominal Voltage(V)	230.4	304.2	384	460.8	537.6	614.4
Working Voltage Range(V)	198-259.2	264-345.6	330-432	396-518.4	462-604.8	528-691.2
Weight(KG)	157.5	198.5	242.5	285	327.5	370
Dimension (LxWxH mm)	680*378*660	680*378*800	680*378*940	680*378*1080	680*378*1220	680*378*1360
Battery Type	LiFePO4					
Rated Working Current	50A					
Communication Port	CAN/RS485					
Working Temperature Range	Charge:0~45°C/Discharge:-10 ~ 55°C					
IP	IP50					
Installation	Floor-standing					
Life Time(25°C)	10 Years					
Peak Charge/Discharge Current	63A(@25°C,5S)					
Scalability	Max.16pcs in parallel					

### Modular free stacking

Easy to use with multiple options



3-module

4-module

5-module

6-module

7-module

8-module