

Enerlution

tuya

HRH-5200

Rack-Mounted Energy Storage Battery

CE CB MSDS IEC EMC UN38.3 CE-LVD



Product Advantages

- Power configuration can be expanded from 5.22kWh to 62.64kWh.
- Modular design for easy installation and operation.
- Equipped with a specially designed BMS, three-level overcurrent protection
- 90% depth of discharge, exceeding 6000 cycles (0.5C, @25°C)
- RS485/CAN communication compatible with mainstream inverter brands

Product Parameter

CELL PARAMETERS	
Cell Type	LiFePO4
Nominal Voltage	3.2V
Nominal Capacity	102Ah
Cycle Life	≥6000 @25°C, 80%EOL)
BATTERY MODULE PARAMETERS	
Configuration	1P16S
Rated Capacity	102Ah
Rated Energy	5.2kWh
Nominal Voltage	51.2V
Operating Voltage Range	45.6-56.8V
Max Discharge Current	100A
GENERAL PARAMETERS	
Modular Combination Quantity	4-12 pcs
Max Expansion Size(W*H*D)	500*2405*560mm
Operation Temperature	0-50°C
Working Altitude	<2000m
Fire Protection System	Passive (high-temperature triggered)
Fire Extinguishing Agent	Thermal aerosol
Local Display	Yes

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