

48V100AH Rack-mounted LiFePO4 Battery System



Flexible Expansion: Max. 2 units(parallel connection at battery side); Max. 63 units(parallel connection at inverter busbar side)



Integrated PACK: reduced line loss, enhanced energy density



Comprehensive Protection: Advanced BMS with active fuse



High compatibility, integrated design with mature and stable performance

Model		EHB-R5			
Cathode material		LiFePO4			
Rated voltage/V		51.2			
Rated capacity/Ah		102	204	306	408
Rated energy/kWh		5.22	10.44	15.67	20.89
Standard parallel unit/P		1	2	3	4
Output power/kW		5	10	10	10
Charge voltage/V		58.4			
Operating voltage range/V		41.6~58.4			
Max. charge current/A		50	100	150	200
Max. discharge current/A		100	200	200	200
Operating temperature/°C	Charge temperature/°C	0~55			
	Discharge temperature/°C	-20~55			
Weight/kg		46	92	138	184
Dimension(W×D×H)(mm)		483×450×153	483×450×306	483×450×459	483×450×612
IP rating		IP21			
Certification		UN38.3, CE-EMC			
Cooling method		Natural cooling			
Communication		CAN/RS485, Bluetooth+APP			
Cycle life		≥6000 Cycles@0.5C/90%DOD@70%EOL, 25±2°C			
Display configuration		ON/OFF button, SOC indicator light(button LCD optional)			