



48V100AH Rack-mounted LiFePO4 Battery System

Model	EHB48100R16S1P	EHB48100R16S2P	EHB48100R16S3P	EHB48100R16S4P
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			
	Discharge temperature/°C			
	0~55			
	-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)			