



48V314AH Rack-mounted Lithium-ion Battery System

Model		EHB48314R10S1P	EHB48314R10S2P	EHB48314R10S3P	EHB48314R10S4P
Cathode material		LiFePO4			
Rated voltage/V		51.2			
Rated capacity/Ah		314	628	942	1256
Rated energy/kWh		10.04	20.09	30.14	40.19
Standard parallel unit/P		1	2	3	4
Output power/kW		5	10	10	10
Charge voltage/V		58.4			
Operating voltage range/V		51.2			
Max. charge current/A		100	200	200	200
Max. discharge current/A		100	200	200	200
Operating temperature/°C	Charge temperature/°C	0~55			
	Discharge temperature/°C	-20~55			
Weight/kg		87	165	243	321
Dimension(W×D×H)(mm)		440×650×480	440×650×758	440×650×1033	440×650×1312
IP rating		IP21			
Certification		UN38.3, CE-EMC			
Cooling method		Fan cooling			
Communication		CAN/RS485			
Cycle life		≥8000 Cycles@0.5C/90%DOD@80%EOL, 25±2°C			
Display configuration		ON/OFF button, SOC indicator light			