

# Residential Energy Storage Battery



## 48V314AH Stacked LiFePO4 Battery System

Model	EHB48314D10S1P	EHB48314D10S2P	EHB48314D10S3P	EHB48314D10S4P
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			
	Discharge temperature/°C			
	0~55			
	-20~55			
Weight/kg	15+85×1	15+85×2	15+85×3	15+85×4
Dimension(W×D×H)(mm)	720×410×495	720×410×745	720×410×995	720×410×1245
IP rating	IP66			
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	Quick-connect terminal, ON/OFF button, SOC indicator light			