



Low Voltage 5kWh Rack Mounted Storage Battery



Higher specific energy



Easy Installation



Long cycle life



Support parallel operation



Environmental Friendly



Customizable Solution

RACK MOUNT LIFEPO4 BATTERY PACK



MODEL	Brick-48100	Brick-48200	Brick-51100	Brick-51200
Electrical Characteristics				
Rate voltage (VDC)	48		51.2	
Cell combination	15S1P	15S2P	16S1P	16S2P
Rate capacity (AH)	100	200	100	200
Energy storage (KWh)	4.8	9.6	5.12	10.24
Cycle life	6000 cycles @80% DOD, 0.5C			
Charge/Discharge Standard				
Charge voltage (V)	52.5		56	
Max. charge current (A)	100 (Optional 150/200A for 200AH pack)			
Max. discharge current (A)	100 (Optional 150/200A for 200AH pack)			
Discharge cut-off voltage (VDC)	40.5		43.2	
Charge cut-off voltage (VDC)	54.75		58.4	
Environment				
Charge temperature	0°C to 55°C@60±25% Relative Humidity			
Discharge temperature	-20°C to 55°C@60±25% Relative Humidity			
Storage temperature	-20°C to 55°C@60±25% Relative Humidity			
Mechanical				
IP class	IP20			
Material system	LiFePO4			
Case material	Metal			
Case type	Rack Mount			
Pack dimension L*W*H(mm)	480*483*133 (3U)	680*442*178 (4U)	480*483*133 (3U)	680*483*178 (4U)
Package dimension L*W*H(mm)	580*530*210	850*570*285	580*530*210	850*570*285
Net weight(kg)	42	84	44	88
Gross weight(kg)	47	93	49	97
Communication				
Protocol (Optional)	Canbus/RS485/RS232			
Certificates				
Pack	UN38.3, MSDS	UN38.3, MSDS	IEC62619,CE,UL1973	UN38.3, MSDS,CE
Cell	UN38.3, MSDS, IEC62619, CE, UL1973			