

51.2V 102AH Stacked LiFePO4 Battery



-  Modular independent battery packs, support free vertical stacking expansion
-  Uniform single-pack capacity, flexible capacity adjustment, easy to upgrade later
-  Built-in independent BMS, automatic parallel communication between packs, no extra controller required
-  Single pack fault can be replaced separately without affecting overall operation, easy maintenance

MODEL		S5-54							
Model type		EFP48100R							
Cathode material		LiFePO4							
Rated voltage/V		51.2							
Cell capacity/Ah		102							
Rated energy/kWh		5.22	10.44		15.67		20.89		
Standard parallel unit/P		1	2		3		4		
Output power/kW		5	5	10	5	10	5	10	
Charge voltage/V		58.4							
Operating voltage range/V		41.6~58.4							
Max. charge current/A		50	100		120	150	120	200	
Max. discharge current/A		100	120	200	120	200	120	200	
Operating temperature/°C	Charge temperature/°C	0~55							
	Discharge temperature/°C	-20~55							
Weight/kg		11+50×1	11+50×2		11+50×3		11+50×4		
Dimension(W×D×H)(mm)		580×390×380	580×390×560		580×390×740		580×390×920		
IP rating		IP54							
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		Quick-connect terminal, ON/OFF button, SOC indicator light							