



Rack Mount Battery

► Modular Design

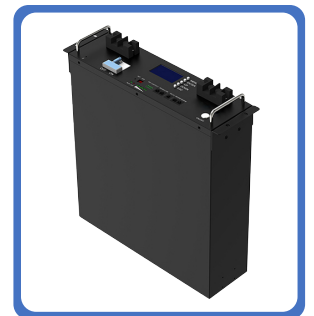
5kWh/10kWh modular design, scalable from 5 to 150 kWh

► Safety

BMS & Breaker two Level over current protection

► Wide Compatibility

Compatible with multiple brands of mainstream inverter use



► Multiple Applications

Meet the needs of domestic and small commercial projects for back-up power

► Optional Function

Bluetooth / Wifi / Antitheft (optional)

► Long Life

Safe and long lasting with a cycle life of 6500 cycles

Model	FR4800	FR5120	FR9600	FR10240
Electrical Characteristics				
Rate Voltage(Vdc)	48	51.2	48	51.2
Capacity(Ah)	100	100	200	200
Energy Storage(KWH)	4.8	5.12	9.6	10.24
Cycle Life	6500 cycles @80% DOD, 0.5C			
Monthly Self Discharge	less than 2%			
Charge/Discharge standard				
Charge Voltage	54V	57.6V	54V	57.6V
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	40.5VDC	43.2VDC	40.5VDC	43.2VDC
Charge Cut-off Voltage	54.75VDC	58.4VDC	54.75VDC	58.4VDC
Environment				
Charge Temperature	0°C to 55°C @60±25% Relative Humidity			
Discharge Temperature	-25°C to 55°C @60±25% Relative Humidity			
Storage Temperature	-20°C to 55°C @60±25% Relative Humidity			
Mechanical				
IP Class	IP21			
Material system	LiFePO4			
Case Material	Metal			
Case Type	Rack Mount(3U/4U/5U Optional)			
Product Size L*W*H(mm)	480*442*132(3U)	480*442*132(3U)	680*442*180(4U)	680*442*180(4U)
Package Dimension L*W*H(mm)	580*530*210	580*530*210	820*625*310	820*625*310
Net Weight(kg)	42	44	84	88
Gross Weight(kg)	47	49	93	97
Communication				
Protocol(Optional)	CAN BUS/RS485/RS232			
Certificates				
Pack	UN38.3, MSDS, IEC62619,CE-EMC,UL1973			
Dell	UN38.3, MSDS, IEC62619, CE,UL1973,UL2054			

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