

FLYFINE



Movable Battery Solution



► Minimalism-Style

Minimalism-style appearance, easy to establish home energy storage system

► Modular Design

Modular design, can support up to 10 units parallel expansion

► Wide Compatibility

Compatible with multiple brands of mainstream inverter use

► Smart Management

Intelligent touch screen, cloud platform data management

► More Compatible

51.2V low voltage version, compatible with single phase PV inverters

► Long Life

Safe, durable, up to 6500 cycles

Model	FM5120	FM10490	FM14340
Electrical Characteristics			
Rate Voltage(Vdc)	51.2V(16series)		
Cell Combination(SIP)	16S1P		
Rate Capacity(Ah)	100Ah	205Ah	280Ah
Energy Storage(KWH)	5.12KWH	10.496KWH	14.336KWH
Cycle Life	25±2°C, 0.5C/0.5C, EOL70%≥6500		
Design Life	≥15 Years(25°C)		
Charge/Discharge Standard			
Charge Voltage(V)	56		
Max. Charge Current(A)	100(Optional 150/200A for 205/280AH pack)		
Max. Discharge Current(A)	100(Optional 150/200A for 205/280AH pack)		
Discharge Cut-off Voltage(VDC)	43.2		
Charge Cut-off Voltage(VDC)	58.4		
Environment			
Charge Temperature	0°C~50°C@60 ± 25% Relative Humidity		
Discharge Temperature	-20°C~50°C@60 ± 25% Relative Humidity		
Storage Temperature	-20°C~50°C@60 ± 25% Relative Humidity		
Mechanical			
IP Grade	IP20		
Material System	LiFePO4		
Case Material	Metal		
Case Type	Mobile Power		
Product Dimension L*W*H(mm)	612*370*190	622*520*227	766*520*221
Package Dimension L*W*H(mm)	712*535*298	722*695*328	866*695*328
Net Weight(kg)	55	92	115
Gross Weight(kg)	60	112	135
Communication			
Protocol(Optional)	CAN/RS485/RS232		
Monitoring	Bluetooth/WLAN Optional		
Certificates			
Pack	UN38.3, MSDS		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		

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