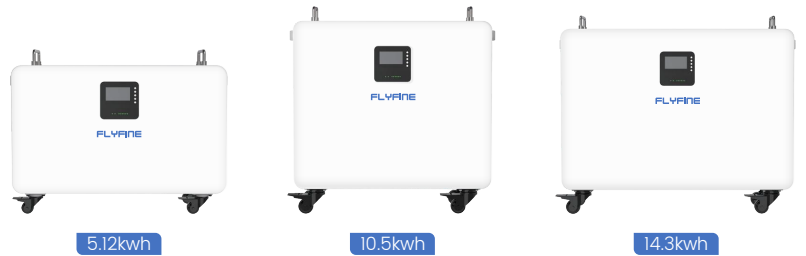


FLYFINE



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	FM-5120	FM-10490	FM-14340
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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