

FLYFINE



Low Voltage Racked Battery Solution

► Cost Effective

Cost effective energy storage of choice

► Modular Design

Modular design, series or parallel expansion of 5-80kwh

► Customisable Protocols

Customisable protocols, matching 99% of inverter brands on the market

► Multiple Applications

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

► More Compatible

Single-phase and three-phase PV inverters are available

► Long Life

Safe and long lasting with a cycle life of 6500 cycles

Model	FR-5120C
Nominal Voltage/V	51.2V
Nominal Capacity	100Ah
Energy	5.12kwh
Installation Mode	Stack
Cycle Life	6500 cycles @25°C, 90% DOD, 60%EOL
Design Life	≥15 Years(25°C)
Voltage Range(Vdc)	48-56.5V
Max.Charge/Discharge Current(A)	50/100A
Operating Temperature(°c)	Charge: -10°C ~ 50°C; Discharge: -20°C ~ 50°C
Altitude (m)	≤2000
Humidity	≤95%(Non-condensing)
Dimensions(mm)	483*480*133
Weight	48kg
Protocol(optional)	RS232-PC, RS485(B)-BAT RS485(A)-Inverter, Canbus-Inverter
Maximum number of parallel connections	10
Certificate	UN38.3, MSDS, IEC62619, UL1973, CE-EMC(pack), CE(cell), UL2054

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