

G-5120

Low-Voltage Lithium Battery

FALCON



Product Highlights



Flexible Expansion

Up to 15 units in parallel,
respond flexibly to demand



Easy Installation

Wall-mounted or floor-standing installation,
aesthetically pleasing



Performance

Maximum charge/discharge current: 100 A;
peak discharge current: 120 A, fast charging



Convenient Control

Built-in 4.3-inch capacitive touchscreen
displaying all battery



Safety

IP20 protection rating, suitable for indoor use



Long-term Reliability

LFP battery, 6000+ charge/discharge cycles,
SOH no less than 80%;
5-year warranty



WARRANTY

T&C APPLIED

Specification

Model	G-5120
General Specification	
Nominal voltage(Vdc)	51.2
Nominal capacity(Ah)	100
Battery energy(Wh)	5120
Charge voltage	57.6
Discharge voltage(V)	44.8
Recommended charge/discharge current (A)	50A
Maximum charge/discharge current (A)	100A
Peak charge/discharge current(A)	120A
Nominal charge/discharge power(W)	5120
DOD	95%
Communication	
Display	SOC status indicator, LED indicator
Communication	RS485, CAN
General Specification	
Dimension[W/D/H](mm)	380x190x610
Battery net weight(Approx.)(kg)	44.5
Installation	Floor-standing or wall-mounted
Charging temp. range(°C)	0~55
Discharge temp. range(°C)	-20~55
Operating/storage humidity	≤95%RH
Max. operating altitude	≤3000m
IP rating	IP20
Wi-Fi module	Built-in Wi-Fi module, APP
Cell technology	LiFePO4 (Lithium Iron Phosphate)
Cooling method	Forced air cooling
Cycle life	6000 Cycles @ 80% DOD/25°C/0.5C, 60%EOL
Scalability	Max. 15 batteries in parallel
Usage environment	Indoor
Standard Compliance	
Certification	CE , MSDS , UN 38.3