

Model	L051100-B
Version	UL
Cell Type	LiFePO4
Rated Energy	5.12 kWh
Rated Capacity	100 Ah
Rated Voltage	51.2 V
Working Voltage Range	44.8~57.6 V
Rated Charge/Discharge Current	60 A (0.6 C)
Max. Continuous Discharging Current	100 A (1 C)
Weight	~99.2 lbs / ~45 kg
Dimension [W*D*H]	440*530*132 mm / 15.7*20.9*5.2 in
Operating Temperature	Charging Temperature : 0 °C~55 °C / 32 °F ~ 131 °F Discharge Temperature : -20 °C ~ 55 °C / -4 °F ~ 131 °F
Storage Temperature	-20 °C~55 °C / -4 °F ~ 121 °F
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN/RS485/Dry Contact/(Optional Wi-Fi Stick)
<span style="color: orange;">[1*]</span> Cycle Life	6,000
Warranty	10-Year
IP Rating	IP20
Certification	UL 1973, UL 9540A, UN 38.3

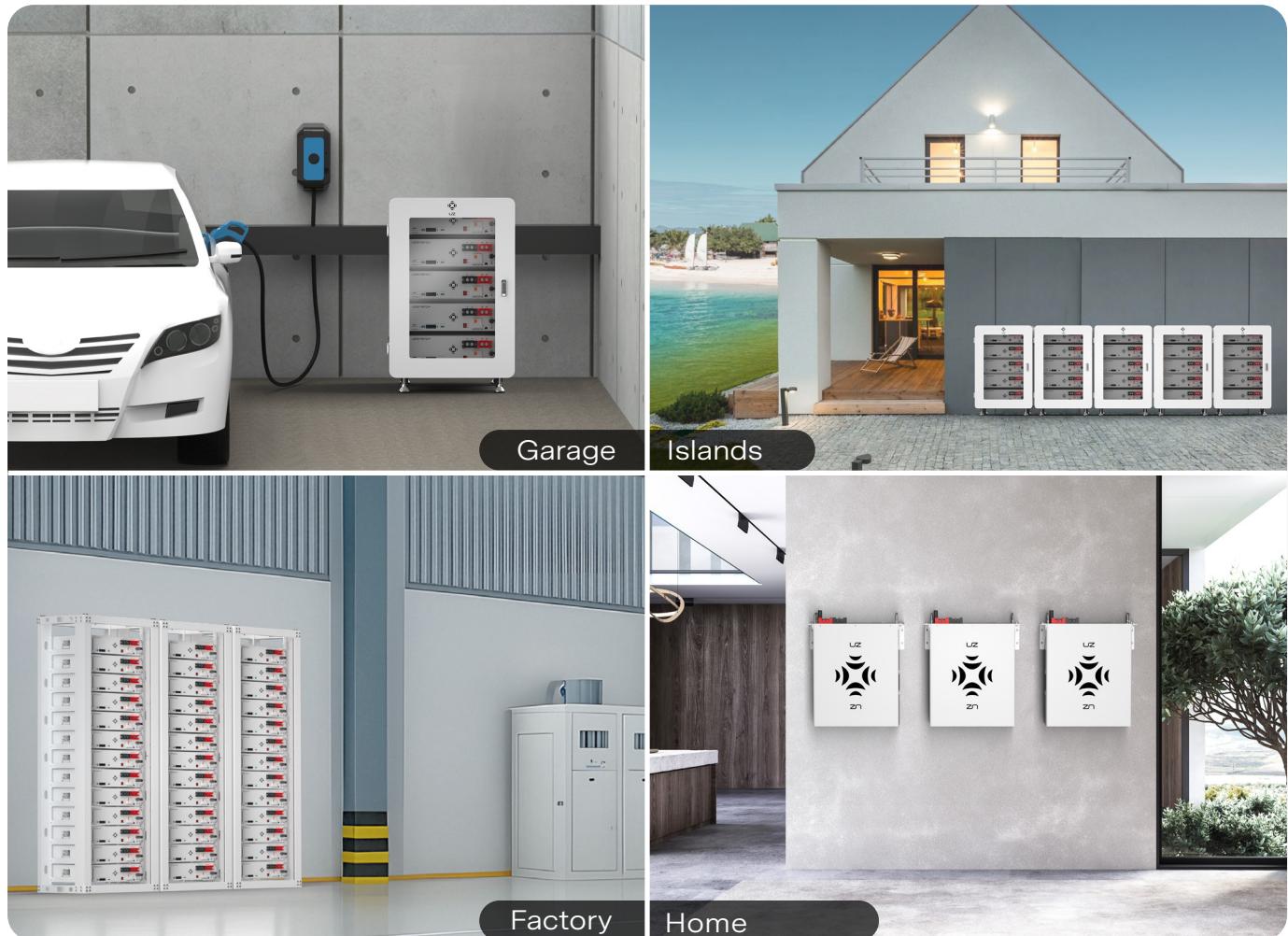
[1\*] Working Conditions: 0.5 C @ 25 °C, 90% DoD.

- Can be installed by using F series Rack (F13L) or Fast Installation Component (H100)
- Can be installed by using wall-mounted components (C300A)
- Can be installed by using small Rack (R100A)



# Power Lite-U Series

L051100-B



**Tier-one LFP Battery Cells**



**Off-grid Energy Storage**



**Micro-grid Applications**



**UPS Power Supply**

Self-innovated BMS

Fire Protection Module

Heating film

CCS

Breaker



- Safe & Reliable LFP Battery
- Compact Design (3U in Height)
- Single Unit High Power Yield Support
- Advanced BMS Control
- Multi-parallel Configuration, up to 32
- Black Out and Emergency Backup