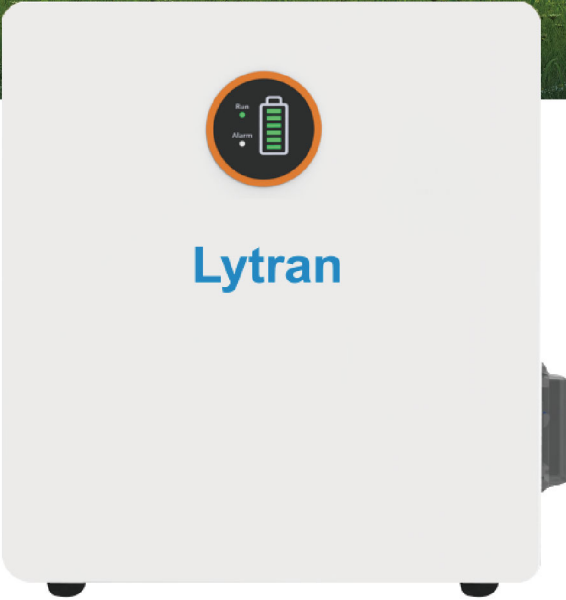


Low-voltage Energy Storage Battery



- Multiple protection design, safe and guaranteed
- Long design life, ultra-low degradation
- Modular design, up to 15 in parallel
- Intelligent management, remote upgrade by one click
- Leading ultra-thin body design
- Easy installation and maintenance



Model	LB-M5120L-B1
Nominal Voltage(V)	51.2
Rated Capacity(Ah)	100
Rated Energy (kWh)	5.12
Charging Cut-off Voltage(V)	56.16
Discharge Cut-off Voltage(V)	45.6
Recommend charge/discharge current(A)	50
Maximum continuous charge/discharge current(A)	100
Instantaneous discharge current	200A/1S
Charge temperature(°C)	0~55
Discharge temperature(°C)	-20~60
Storage Environment (50% state of charge)	20°C ~ 45°C in three months; 25±3°C over three months; Humidity:65±20%RH
Installation	Wall mounted
Installation Environment	Indoor
Cell Technology	Lithium iron phosphate (LiFePO4)
Life Cycle	6000 times @80%DOD
Cooling	Natural convection
Protection Rating	IP65
Certificates	CB, IEC62619, UL1973, UKCA, CE-EMC, CE-GPSP, EN62619 ; UN38.3, MSDS
Dimension(W/H/D)(mm)	520*470*141.5
Battery Net Weight/Gross Weight(kg)	48.45/54.15
Communication	RS232, CAN, RS485