

Micro Solar Energy Storage Battery



- Wall-mounted or floor-mounted optional
- Space-saving ultra-thin design
- Modular design, IP65 waterproof grade
- Photovoltaic and energy storage integration, high energy utilization
- Multiple protection, high safety and reliability
- Quick installation, intelligent operation
- Off-grid function, for emergency or outdoor activities



Model	LB-S2560L-B1
DC Input Parameters	
PV Input Voltage Range (V)	20-60
MPPT Voltage Range (V)	25-55
MPPT Number	2
Max. Input Current Of Single MPPT (A)	13
Max. Input Power Of Single MPPT (W)	800
DC Output Parameters	
Voltage Output Range (V)	48-56.8
Max. Output Power (W)	800
Max. Output Current (A)	20
Off-grid Output Parameters (Reserved)	
AC Voltage (V)	220
Output Frequency (Hz)	50
Output Power (W)	800
Max. Output Current (A)	5
Battery Parameters	
Battery Type	LiFePO ₄
Nominal Capacity (kWh)	2.56
Battery Energy (Ah)	50
Nominal Voltage (V)	51.2
Max. Charge Current (A)	25
Cycle Life	>6000 cycles (25°C)
General Parameters	
Dimensions W*H*D (mm)	485 × 330 × 180
Weight (kg)	30 (66.13 lbs)
Operating Temperature (°C)	-10-50
Ingress Protection	IP65
Cooling	Natural Convection
Altitude (m)	≤4000
Certification	UN38.8, IEC62619, IEC62109-1