



LESSO

LSM025.6V200AH-B01

Battery Module 5.12kWh



Long Lifespan, Cost Efficient

Boasts longer cycle life than lead-acid batteries, cutting replacement times and full-life costs



High Power Output, Superior Load Performance

Delivers twice the power output of equivalent lead-acid cells, maintains steady capacity during high-rate discharge



Modular Design, Flexible Expansion

Supports series-parallel combination, enabling flexible system capacity configuration per power demand



Lightweight Design, Easy Installation

Merely 40% weight of same-spec lead-acid batteries, easy to carry and install, direct replacement with no extra renovation



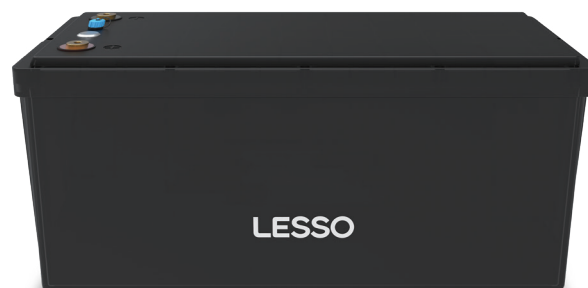
Multiple Protection, Safe & Reliable

Built-in intelligent BMS realizes full-range automatic protection, ensuring stable and secure equipment operation



Wide Temp Adaptation, Stable Operation

Stably operates at -20°C~60°C, ensures steady power supply in extreme climates



Model	LSMO25.6V200AH-B01
Key Parameters	
Cell chemistry	LiFePO4
Rated energy	5.12kWh
Nominal capacity	200Ah
Nominal voltage	25.6V
Charge Cut-Off voltage	29.6V
Discharge Cut-Off voltage	21.6V
Recommended charge/Discharge current	100A/100A
Max. Continuous charge current	100A
Max. Continuous discharge current	100A
Cycle life	≥6000 Cycles (0.5C@25°C, 80%DOD)
Recommended depth of discharge (DOD)	80%
Environmental Parameters	
Charge operating temperature	0~55°C
Discharge operating temperature	-20~55°C
Storage temperature	0°C~35°C
Humidity range	60±25%RH
Altitude	≤3000m
IP rating	IP20
Mechanical Parameters	
Net weight	36kg
Machine size (H×W×D)	522×242×220mm
Gross weight	37.5kg
Package size (L×W×H)	577×293×276mm
Other Parameters	
Communication	RS485
Parallel connections	4 Units
Series connections	4 Units
Installation method	Ground placement
Cooling method	Natural convection
Standards and certifications	UN38.3/MSDS/RETIE

*1: Current is affected by temperature and SOC.

*2: During long-term idle storage, charge the battery once every 3 months.

*3: Please note, product specifications are subject to change without notice.