

# LESSO



## LSMO 25.6V(120-200)AH Battery Module

LSMO Battery Module be mainly used in electric vehicles, electric mobility; Solar/wind energy storage system; UPS, backup power; Telecommunication; Medical equipment; Lighting.

### Features



#### Longer Cycle Life

life than lead acid battery, helping to minimize replacement cost and reduce total cost of owner.



#### Lighter Weight

About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.



#### Higher Power

Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.



#### Superior Safety

Automatic protection with internal battery management system.



#### Increased Flexibility

Modular design enables deployment of up to two batteries in series and up to four batteries in parallel.



#### Wider Temperature Range

-20°C~60°C

Items	LSMO 25.6V120AH	LSMO 25.6V125AH	LSMO 25.6V200AH
Nominal voltage	25.6V		
Voltage range	25.6V~26.4V		
Nominal capacity	120Ah	125Ah	200Ah
Minimum capacity	120Ah	125Ah	200Ah
Initial impedance	≤180mΩ		
Charge limit voltage	28.8V		
Discharge cut-off voltage	18.4V		
Standard charge current	50A		
Maximum charge current	100A		
Standard discharge current	50A		
Max continuous discharge current	100A		
Charging time	Standard charging: 2~3 hours Rapid charge: 1~2 hours		
Cycle Life	120-125Ah: ≥4000 Cycle life; 200Ah: ≥6000 Cycle life Test condition: Charge: 0.2C to 28.8V/Cell, then stored for 10 minutes. Discharge: 0.5C to over discharge protection, then stored for 10 minutes. When the discharge capacity drops to 80% of the initial capacity, the number of cycles completed is defined as the cycle life of the energy storage.		
Operating temperature	Charging temperature: 0°C~55°C Discharging temperature: -20°C~55°C		
Storage temperature	0°C~+45°C (< 1 month) 0°C~+35°C (< 6 month)		
Storage humidity	<75% RH		
Standard testing condition	Temperature: 25±2°C Humidity: ≤75%RH		
Product dimension	522*238*218mm		
Weight	≈ 25kg	≈ 25kg	≈ 35kg

Remarks: Specifications are subject to change without notice.