

GECO & 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.