

LESSO



Battery Module

LYB-3.84kWh 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	LYB-3K8BL7-TC
Nominal voltage	25.6V
Nominal capacity	150Ah
Nominal energy	3.84kWh
Usable energy	3.84kWh
Recommended charge current	75A
Max.continuous charge current	150A
Max.continuous discharge current	150A
Max.continuous discharge power	3.8KW
Standard charge voltage	27.6V
End of discharge voltage	22.4V
Cycle life	≥3000 cycles @100%DOD 1C; ≥5000 cycles @80%DOD 1C
DOD	100%DOD
Discharge temperature	-20~60°C
Charging temperature	0~45°C
Storage temperature	-5~ 35°C
Relative humidity	60±25%R.H.
Altitude	≤3000m
IP grade	IP65
Package size (H×W×D)	283×575×290mm
Gross weight	31kg
Machine size (H×W×D)	223×522×244mm
Net weight	29kg
Thermal method	Natural Cooling
Defensive function	Overvoltage Protection/Undervoltage Protection/Overcurrent Protection/ Overtemperature Protection / Low-Temperature Protection/Short-Circuit Protection
Certification	UN38.3 / MSDS

Remarks: Specifications are subject to change without notice