



# LiBAY Battery

- Capacity extendable to **9.6kWh**
- Wide temperature tolerance **-20°C ~ 50°C**
- CAN/RS485 communication
- Safe LFP battery cell
- Easy to install with simple connection
- Low maintenance requirement
- Certified product



\* All pictures shown are for reference only, actual appearance may vary.

## LINK YOUR SUSTAINABLE LIFE

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## DATASHEET

Models	LIBAY-2.4
<b>TECHNICAL DATA</b>	
Total energy [kWh]	2.4
Usable energy [kWh]* ①	2
Battery module	2.4kWh (48V 50Ah 29kg)
Number of modules	1
Battery type	LFP (LiFePO4)
Nominal voltage[V]	48
Operating voltage range[V]	45 ~ 52.5
Constant dis- / charge current[A]* ②	50/25
Communication	CAN / RS485
Storage temperature	Within 1month: -20°C ~ 60°C; 1 - 3months: 0 °C~ 35°C; 3 - 12months: 20°C ~ 25°C
Operating temperature range	Charge: 0°C ~ +50°C; Discharge: -20°C ~ +50°C
Relative humidity[%]	0 ~ 100
Ingress protection rating	IP20
Max. scalable No. in parallel	4
Weight[kg]	29
Dimensions(W*H*D)[mm]	450*95*640
Mounting method	Wall mounted
<b>STANDARD</b>	
Safety&EMC	IEC62619 (Cell&Pack), CE, CEC, RCM
Transport	UN38.3

①DOD varies with temperature and other related conditon.

②Nominal dis-/charge current and power derating will occur related to temperature and SOC.

\* All specifications are subject to change without notice.

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\* Please visit Linsum website for the latest certificates.