

# LIO II-2410E, LIO II-4810E

UN 38.3 

LIO II-2410E

LIO II-4810E

- Built-in Active Cell Balancing, ensuring optimal performance and longevity of the battery pack
- Wall-mounted scalable Lithium-ion battery module
- Scalable design up to 15 units

LITHIUM-IRON BATTERY

## LIO II-2410E, LIO II-4810E Lithium-ion Battery Selection Guide

MODEL		LIO II-2410E	LIO II-4810E
Battery Cell Technology		Lithium Iron Phosphate	
Nominal Voltage		25.6 V	51.2 V
Battery Capacity		100Ah	100Ah
Max. Continuous Charging / Discharging Current		50A/100A @ 25°C	
Max. Charging Voltage		29.2 V	57.6 V
Max. Discharging Voltage		20 V	43.2 V
Max. Parallel Unit		15	
Dimension, D X W X H (mm)		165 x 375 x 400	140 x 450 x 500
Net Weight (kg)		26	43
<b>ENVIRONMENT</b>			
Operation Temperature	Charge	0°C~45°C	
	Discharge	-20°C~60°C (>45°C derating)	
Operation Humidity		5% ~ 95% RH (non-condensing)	
Operation Air Pressure		61 kPa~ 113 kPa	
Lifecycle		4000 cycles @ 80% DOD	
<b>MANAGEMENT</b>			
IP Protection		IP65	
BMS Communication		RS485, RS232, CAN	
Safety Standard		EN IEC 61000-6-3, EN IEC 61000-6-1, EN IEC 61000-3-2, IEC 61000-3-3, IEC 62619, UN38.3	

\*Product specifications are subject to change without further notice