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

UN 38.3 CE



LIO II-2410E LIO II-4810E

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



## 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 |
| **ENVIRONMENT** | | | |
| 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 | |
| **MANAGEMENT** | | | |
| 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

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