

LIO II-4810E

UN 38.3 CE



- 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-4810E Lithium-ion Battery Selection Guide

MODEL		LIO II-4810E
Battery Cell Technology		Lithium Iron Phosphate
Nominal Voltage		51.2 V
Battery Capacity		100Ah
Max. Continuous Charging / Discharging Current		50A/100A+ @ 25°C
Max. Charging Voltage		57.6 V
Max. Discharging Voltage		43.2 V
Max. Parallel Unit		15
Dimension,D X W X H (mm)		140 x 450 x 500
Net Weight (kg)		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