

LIO 2.56, 5.12 - IP65

Lithium-ion Battery

- 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 16 units
- IP65 design for robust applications



Specification

MODEL	LIO 2.56-IP65	LIO 5.12-IP65
Battery Cell Technology	Lithium Iron Phosphate	
Nominal Voltage	25.6 V	51.2 V
Battery Capacity	100Ah	
Max. Continuous Charging / Discharging Current	50A/100A	
Max. Charging Voltage	29.2 V	57.6 V
Max. Discharging Voltage	20 V	43.2 V
Max. Parallel Unit	16	
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
Operation Humidity	5% ~ 95% RH (non-condensing)	
Operation Air Pressure	≥ 61 kPa~ 113 kPa	
Lifecycle	5000 cycles @25°C , 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, UN38.3