

LIOP-25V100 / LIOP-51V100

LITHIUM-IRON BATTERY

- Wall-mounted scalable Lithium-ion battery module
- Scalable design up to 16 units
- IP65 design for robust applications



LIOP-25V100

LIOP-51V100

LITHIUM-ION BATTERY SELECTION GUIDE

MODEL		LIOP-25V100	LIOP-51V100
Battery Cell Technology		7200 VA / 7200W	
Nominal Voltage		25.6V	51.2V
Battery Capacity		100Ah	100Ah
Max. Continuous Charging / Discharging Current		50A/100A @ 0.2C, 25°C	100A @ 0.2C, 25°C
Max. Charging Voltage		29.2V	57.6V
Max. Discharging Voltage		20V	43.2V
Max. Parallel Unit		16	
Dimension, H x W x D (mm)		500 x 375 x 165	500 x 450 x 140
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		≥ 5000 cycles @25°C 0.5C, 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	