Rack Mounted Lithium Battery Pack Selection Guide

MODEL	LIO 4805	LIO 4810
CAPACITY	2400Wh	4800Wh
PARAMETERS		
Norminal Voltage	48 VDC	
Full Charge Voltage (FC)	52.5V Define in this DOC: FC = 52.5V	
Full Discharge Voltage (FC)	35V Defined in this DOC: FD = 42V	
Typical Capacity	50Ah	100Ah
Max Continuous Discharging Current	75A	150A
Max Peach Discharging Current	100A	200A
Battery Connector Max current	300V/75A Max	
Protection	BMS, Breaker	
Charge Voltage	52.5 ± 0.1V	
Charge Current	10A (0.2C)	20A (0.2C)
Maximum Charge current	15A Max. (0.3C)	30A Max. (0.3C)
Standard Charge method	0.2C CC (Constant current) charge to FC, CV (Constant voltage FC) charge till charge current decline to <0.05C	
Inner Resistance	<15m ohm	
PHYSICAL		
Dimension, D x W x H (mm)	438 x 88 x 630	438 x 133 x 630
Net Weight (kgs)	Approx 28.0	Approx 60.0
INDICATORS		
LED	Battery Status, Battery level, Battery fault, Alarm	
ENVIRONMENT		
Operation Temperature	Charge : 0°C~50 °C	
	Discharge: 0°C~50 °C	
Storage Temperature Range °C (At 50% SOC and specified temp, recoverable capacity in % vs time / 50%)	-20°C~25 °C < 18 months	
	25°C~45 °C < 3 months	
	45°C~60 °C < 1 months	
	20°C±5 °C is the recommended storage temperature	
MANAGEMENT		
Communication	RS485 port (RJ45), extension port (RJ11)	

Product specifications are subject to change without further notice

Lithium Battery for Inverter & UPS