FelicityESS

Easy, Safe, Smart

LUX-E Battery Pack

LUX-E-48100LG04

Product Features

LiFePO4: Higher safe performance and longer cycle life	Multiple Protection: Built-in smart BMS and Breaker	Flexible Installation: Wall-Mounted or Floor-Mounted
Wide Compatibility: Compatible with leading inverter brands	Aerosol Fire Extinguishing System	Long Warranty: 10 Years

Specification

Model	LUX-E-48100LG04
Battery Type	LiFePO4
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recommend Charge/Discharge Current	50A
Max.continuous charge/Discharge current[1]	60A
Peak Charge/Discharge Current(15s)	100A
Scalability	Max. 12 PCS in Parallel (61.44kWh)
Depth of Discharge(DOD)	≥ 95%
Display type	LED
Protection Level	IP65
Working Temperature Range	Charge: 0°C~55°C
Working Temperature Range	Discharge:-20°C~55°C
Storge Temperature Range	0°C-+35°C
Humidity	5%~95%
Altitude	≤ 2000m
Communication	RS485 / CAN
Cycle Life[2]	≥ 6000 Cycles
Installation	Wall-Mounted / Floor-Mounted
Protection	Built-in smart BMS, Breaker
Warranty Period[3]	10 Years
Product Weight Approximate	48.5 kg
Package Weight Approximate	64.5 kg
Product Dimension	665x440x175 mm
Package Dimension	760x540x345 mm

[1] Max. continuous charge/discharge current is affected by temperature and SOC.

[2] Test conditions: 0.2C Charging/Discharging @25°C, 80% DOD.

[3] Conditions apply, refer to FelicityESS Warranty Letter.