FelicityESS

Easy, Safe, Smart



LUX-E Battery Pack

LUX-E-48200LG03

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
- High Scalability
- Long Warranty: 10 Years
- Built-in WIFI: Remote monitoring of battery pack data
- Aerosol Fire Extinguishing System

Specification

Model	LUX-E-48200LG03
Battery Type	LiFePO4
Nominal Energy	10.5kWh
Nominal Capacity	205Ah
Nominal Voltage	51.2v
Operating Voltage	44.8~57.6V
Recommend Charge/Discharge current	100A
Max. continuous charge/Discharge current[1]	150A
Peak Charge/Discharge current(15s)	200A
Scalability	Max. 15(157.4kWh)
Depth of discharge(DOD)	≥95%
Display type	LCD
Protection Level	IP21
Working Temperature Range	Charge:0~+55℃
	Discharge:-20C~+55°C
Storge Temperature Range	0°C~+35°C
Humidity	5%~95%
Altitude	≤2000m
Communication	RS485 / CAN
Cycle Life[2]	≥6000 Cycles
Installation	Wall-Mounting / Floor-Mounting
Protection	Built-in smart BMS, Breaker, Fuse
Warranty Period[3]	10 Year
Product Weight Approximate	90kg
Package Weight Approximate	108kg
Product Dimension	783x450x274mm
Package Dimension	900x570x450mm

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

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

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