



LUX-Y Battery Pack

LUX-Y-48300LG01



Product Features



Higher safe performance
and longer cycle life



Multiple Protection:
Built-in smart BMS,
Breaker and Fuse



Flexible Installation:
Wall-Mounted or
Floor-Mounted



Aerosol Fire
Extinguishing
System



Wide Compatibility:
Compatible with
leading inverter brands



High Scalability



Built-in WIFI:
Remote monitor of
the battery pack data



Long Warranty:
10 Years

Specification

Model		LUX-Y-48300LG01
Battery Type		LiFePO4
Nominal Energy		15kWh
Nominal Capacity		300Ah
Nominal Voltage		51.2V
Operating Voltage		44.8~57.6V
Recommend Charge/Discharge Current		120A
Max.continuous charge/Discharge current[1]		150A
Peak Charge/Discharge Current(15s)		200A
Scalability		Max.15(225kWh)
Depth of Discharge(DOD)		≥95%
Display type		LCD
Protection Level		IP21
Working Temperature Range		Charge: 0°C~ +55°C
		Discharge:-20°C~ +55 °C
Storage Temperature Range		0°C~ +35°C
Humidity		5%-95%
Altitude		≤2000m
Communication		RS485 / CAN
Cycle Life		≥ 6000 Cycles (25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
Installation		Wall-Mounted / Floor-Mounted
Protection		Built-in smart BMS, Breaker, Fuse
Warranty Period[2]		10Years
Product Weight Approximate		135kg
Package Weight Approximate		160kg
Product Dimension		480x1100x300mm
Package Dimension		1150x635x498mm

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

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