FelicityESS

Eco, Smart, Sustainable



LUX-Y Battery Pack

LUX-Y-48280/48300LG01

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-48280LG01	LUX-Y-48300LG01
Battery Type	LiFePO4	
Nominal Energy	14.3kWh	15kWh
Nominal Capacity	280Ah	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(215kWh)	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	
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, Fuse	
Warranty Period[3]	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] Test conditions: 0.5C Charging/Discharging @25°C, 80% DOD, 60%EOL.

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