

Lithium Energy
System

EXPAND

10
UP TO

BUILT-IN
BMS



FAST CHARGING
HIGH EFFICIENCY



MODULAR DESIGN
EASY EXPANSION

95%

HIGH PERFORMANCE
DEPTH OF DISCHARGE



100% COMPATIBLE
BMS W/ MPP SOLAR

1 MODULE

2 MODULES

LiFePO₄ Battery

LII-4810

ELECTRICAL SPECIFICATION

Nominal Voltage	51.2V
Capacity	100Ah
Max Full Charge (FC)	56V
Max Discharge Voltage	42V
Max Continuous Discharge Current	150A
Peak Discharge Current	190A @ 1 min
Maximum Stackable Module	10 modules
Charging Logic	0.2C CC to FC + CV till current drops to 0.05C or less
Communication	RJ45 (RS485) / RJ11 (parallel)
Operating Temperature	0°C ~ 50°C
Optimal Storage Temperature	~20°C
Module Dimension	540x420x185mm
Module Dimension (with stand)	540x530x185mm
Net Weight	48Kg

LII-4810 is a Lithium Iron Phosphate (LiFePO₄) smart battery module with internal BMS control that efficiently monitor system's:

- Cell voltage
- Cell temperature
- Current
- Balanced charging
- Cycle life

Efficient modular design, this battery can expand up to 10 modules max with safe and easy connection.