

LiFePO₄ Battery Pack
LFP-2485LR 25.6V85Ah



★ **3 Years** **WARRANTY** ★
GUARANTEED

Battery Specifications

Model	Inaeko LFP-2485LR
Battery Type	LiFePO ₄
Terminal	M8
IP Protection	IP 65
Warranty	3 years
Rated Voltage	25.6V
Rated Energy	2176Wh
Usable Capacity	1958.4kWh
DOD	90%
Operational Voltage Range	20V - 27.5V
Charging voltage	28.0V~28.8V, CC-CV
Capacity Efficiency	≥99.5%
Dimension L*W*H (mm) & Terminal	480*170*240, M8
Weight (kg)	20.5±0.5
Cycle life	>2000 times, @0.5C, 25°C
Design life	>10 years
Amp Hour Capacity	85 AH
Terminal Torque	12.4 NM
Case Material	ABS
Recommend Charge Voltage	28.5 ±0.20V

*A reliable, versatile lithium battery
to replace tubular and lead acid batteries*

Compatible with all inverter brands including:

- Axpert
- Growatt
- Victron
- Luminous

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Max Charge Voltage	29.5 ±0.20V
Recommend Charge current	25 A
Max Charge Current	100A
Charge Current (0 to -10°C)	<0.1 C
Charge Current (-20 to -10°C)	<0.05 C
Recommend Discharging voltage	22.5 +0.20V
Max Discharging Voltage	19.2 ±0.20V
Electrical	
Max Discharge Current	100A
Pulse Discharge Current	180 A±35
Internal Resistance - Milliohms	<80 mΩ
Efficiency round trip	> 99.5%
Self Discharge per Month	<3%
Max parallel connections	4 pcs
Series connections	51.2 V
Operation	
Discharge Temperature	(-23 to 65) °C
Charge Temperature	(-3 to 65) C
Storage Temperature	(-20 to 45C) C

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Schematics



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