Luxpower 15kWh Lithium Battery - view online: solarpanelenergy.co.za/product/luxpower-15kwh-lithium-battery

Battery Storage

Li-7.5e / Li-15e



Features

Up to 35 in Parallel
No extra device needed; scalable for larger systems.

Flexible Installation
Rack-mounted, wall-mounted, or floor-standing.

Remote Maintenance
Supports remote firmware upgrade and diagnostics.

Value-Driven Design
Affordable solution for residential and telecom energy storage.

0.5C Charge/Discharge Rate
Efficient energy transfer with 140A charge/discharge current.

6000 Cycle Life
Long-lasting performance with 5-year warranty.

Wide Voltage Options
25.6V & 51.2V available, perfect for lead-acid battery replacement.

Smart BMS Protection
Multi-level safety: overcharge, over-discharge, short circuit.

Model	Li-7.5e	Li-15e
Cell Type	LFP	
Rated Energy	7.5kWh	15kWh
Rated Capacity	300 Ah	
Rated Voltage	25.6V	51.2V
Charge / Discharge Current	140A / 140A	
Parallel	Up to 35 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running	
IP Level	IP20	
Dimension (W × H × D)	463 × 452 × 225 mm 18.2 × 17.8 × 8.9 in	706 × 452 × 225 mm 27.8 × 17.8 × 8.9 in
Weight	53.5 kg / 117.9 lbs	98 kg / 216.1 lbs
Communication	CAN / RS485	
Humidity	5% ~ 85%RH (No condensation)	
Work Temperature	-20 ~ +55°C	
Storage Temperature	-10 ~ +35°C	
Remote Maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure	
Warranty *	5 years / 6000 cycles	
Protection	Over charge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection	

@25°C, 90% DOD. 0.5C testing condition