

Battery Storage

Li-5/Li-10 (Low voltage)



Features



WiFi & Bluetooth

Easy local and remote configuration



Flexible Scalability

Up to 50 modules in parallel



Smart BMS

Advanced multi-layer protection



Wall-Mount Brackets Included

Ready for quick wall installation



Remote Monitoring

Real-time diagnostics and OTA updates



10-Year Warranty

Reliable LiFePO4 performance



1C Performance^①

Fast charging and discharging



Seamless Integration

Optimized for LuxpowerTek inverters



Built-in Fire Suppression

Automatic fire protection for enhanced safety

Model		Li-5	Li-10
Electrical			
Rated Energy		5.12kWh	10.496kWh
Rated Capacity		100Ah	205Ah
Rated Voltage		51.2V	51.2V
Charge/Discharge Current	Recommend	50A	105A
	Max. Continuous	100A	140A
	Peak 1	105A (15s)	120 (15s) / 150 (60s)
	Peak 2	110A (500ms) / 150A (500ms)	150 (500ms) / 200 (500ms)
Charge/Discharge Rate		1C	0.7C
General			
Cell Type		LFP	
Parallel		Up to 50 units parallel without extra device needed, 256 units parallel with hub, slave battery drops offline or come back alive does not affect system running	
Dimension (W × H × D)		438 × 165 × 546 mm 17.24 × 6.5 × 21.5 in	440 × 229 × 600mm 17.32 × 9.02 × 23.62 in
Weight		49.4 kg / 108.9 lbs	79 kg / 174.17 lbs
IP Level		IP20	
Cycle Life		≥6000 Cycles	
Communication		CAN / RS485	
Robust Applications		Auto-addressing and stronger protection	
Wifi / Bluetooth		Built-in	
Fire Suppression		Built-in	
Wall-mounted Bracket		Included	
Humidity		5% ~ 85%RH (No condensation)	
Work Charge / Discharge Temperature		0 ~ +55°C / -20 ~ +55°C	
Storage Temperature		-10 ~ +35°C	
Remote Maintenance		Flexible remote monitor and maintenance, Original firmware backup to prevent upgrade failure	Flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty ^②		10 years, 6000 cycles	
Certification		CE; UN38.3; IEC62619	TBD
Protection		Overcharge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection	

①: Available on Li-5 model

②: @25°C, 90% DOD. 0.5C testing condition