



Residential Floor-standing BESS

16.07kWh



Flexible installation

Robust floor-standing structure ensures stable placement, plus IP65 dustproof and waterproof protection. With over 6,000 life cycles.



Wide Compatibility

Compatible with mainstream PV inverters and power grid systems, offering broader application scenarios.



Smart & Efficient

Supports remote monitoring and automatic fault early warning, enabling efficient and hassle-free operation and maintenance.

This product is a lithium iron phosphate (LFP) household energy storage system designed and manufactured by TFL.

It is a 16.07KWh household energy storage system, mainly used in off-grid or hybrid-grid scenarios such as households and small supermarkets.

System Parameters

Intelligent Power System Integration Manufacturer.

Model	Live-L16
Battery Type	LFP
Rated Capacity (kWh)	16.076 (kWh)
Rated Voltage	51.2 (V)
Voltage Range	45.2 ~ 58.4 (V)
Max Charge & Discharge Current	200 (A)
Battery Status	LED (displaying battery levels)
Status Display	LED (displaying working status and alarm status respectively)
Communication Mode	Controller Area Network (CAN) / 485 communication mode
Operating Temperature	-10°C ~ +50°C
Operating Humidity (RH)	5% ~ 95%
Operating Altitude (m)	2000
Protection Level	IP65
Cycle Index	≥6000 times (DoD 80%)
Dimensions (W * H * D mm)	600*960*265
Weight	≈120 kg
Certification	Compliant with EC62619/IEC60730/EN61000/UN38.3 standards
Warning	Overcharge, overdischarge, overcurrent, overtemperature, short circuit (warning situations)
Warranty	10 year quality guarantee

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