



Residential Wall-mounted BESS

5.12kWh



Flexible installation

Vertical wall-mounted design eliminates floor space occupation, fits villas, apartments, shops, etc.



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 5KWh wall-mounted small-sized 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-L05
Battery Type	LFP
Rated Capacity (kWh)	5.12 (kWh)
Rated Voltage	51.2 (V)
Voltage Range	45.2 ~ 58.4 (V)
Max Charge & Discharge Current	100 (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)	490*600*165
Weight	≈ 50 kg
Certification	Compliant with EC62619/IEC60730/EN61000/UN38.3 standards
Warning	Overcharge, overdischarge, overcurrent, overtemperature, short circuit (warning situations)
Warranty	10 year quality guarantee