

5.12 kWh 100 Ah
Wall-mounted Home ESS

TFL-100-H



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Peak Shaving
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Power Stable output
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Green Energy
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Flexible Installation

SPECIFICATIONS

ITEM		SPECIFICATIONS
MODEL		TFL-100-H
Battery Type		LFP
Rated Capacity (kWh)		5.12 (kWh)
Recommended Maximum Capacity (kWh)		4.3 (kWh)
Rated Voltage (V)		51.2 (V)
Voltage Range (V)		45.2 ~ 58.4 (V)
Maximum Charge and Discharge Current (A)		50 (A)
Maximum Charge and Discharge Power (kW)		2.7 (kW)
Battery Status		4 * LEDs (displaying 25%, 50%, 75%, and 100% battery levels)
Status Display		2 * LEDs (displaying working status and alarm status respectively)
Communication Mode		Controller Area Network (CAN) / 485 communication mode
Operating Temperature (°C)		-10°C ~ +50°C
Operating Humidity (Relative Humidity, RH)		5% ~ 95%
Operating Altitude (m)		2000 meters
Protection Level		IP55
Cycle Index		The number of cycles is greater than 6000 times (DOD 80%)
Dimensions (Width * Height * Depth, mm)		390 mm × 650 mm × 160 mm
Weight (kg)		50 kg
Certification		Compliant with EC62619/IEC60730/EN61000/UN38.3 standards
Warning		Overcharge, overdischarge, overcurrent, overtemperature, short circuit (warning situations)
Warranty		5 year quality guarantee