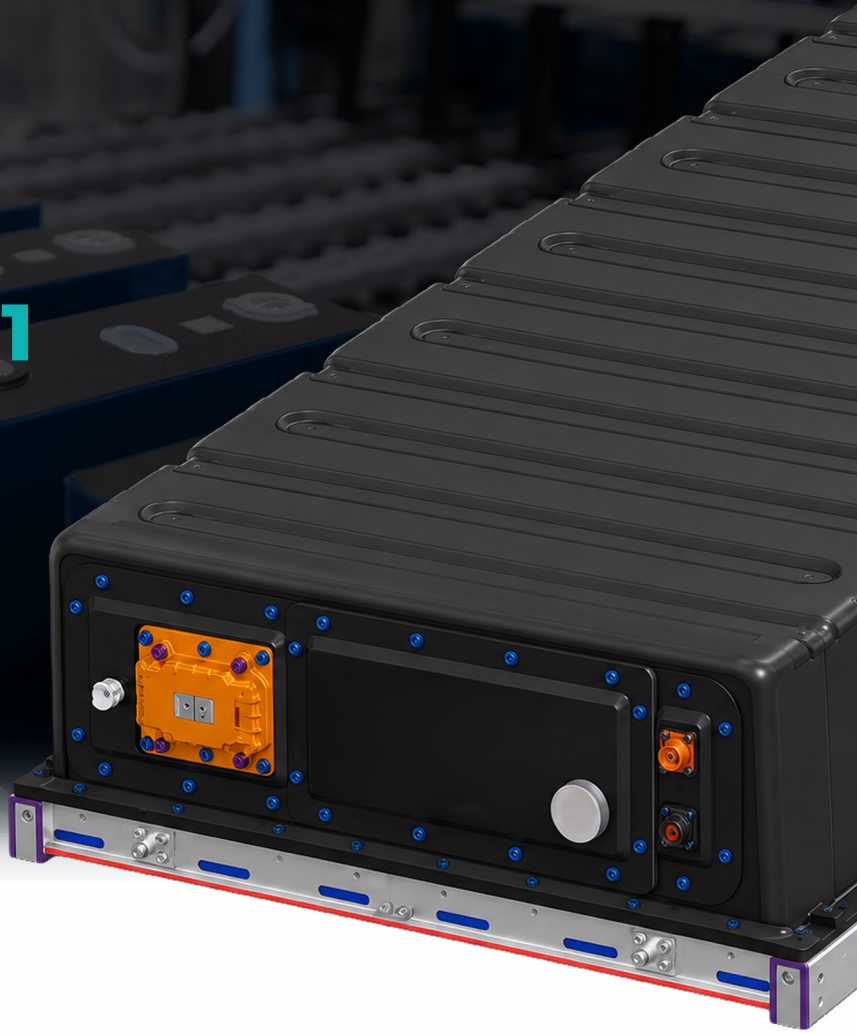
FIXX ENERGY

RESOLUTE™ P101

101.5 kWh LFP BATTERY PACK

A battery pack built to store and deliver dependable energy across large-scale grid applications.



ASSEMBLED IN THE USA

BUILT FROM THE GROUND UP. ROOTED IN THE U.S.
FIXX Energy is the first American owned manufacturer of prismatic LFP cells for energy storage operating in the U.S. Our Smyrna, Tennessee facility runs 24/7 with 500+ employees, 12+ years of battery manufacturing experience, and 5M+ LFP cells produced.

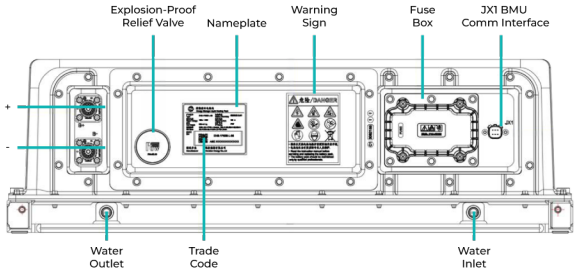
IN-HOUSE CELL TECHNOLOGY
FIXX's in-house-developed 305 Ah LFP cell forms the core of a 101.5 kWh battery pack.

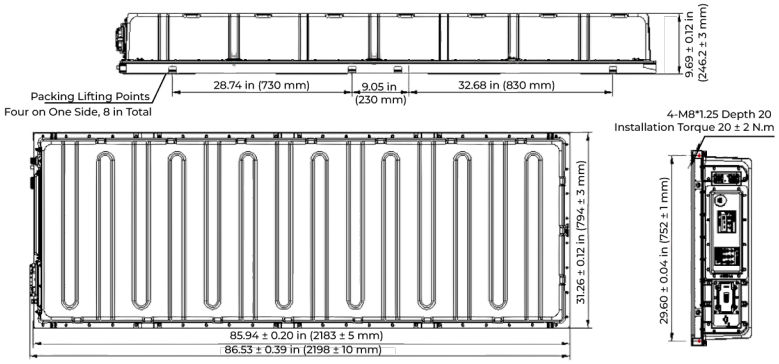
HIGH-DENSITY PACK DESIGN
An energy density of at least 176 Wh/kg delivers substantial capacity within a compact, scalable footprint.

SYSTEM-READY INTEGRATION
Engineered for FIXX's liquid-cooled energy storage systems, with integrated cooling, high-voltage, communication, and fire-protection connections.

BUILT FOR DEMANDING CONDITIONS
Designed to operate from −30°C to 50°C, supporting deployment across a wide range of climates and operating environments.

ENGINEERING DRAWINGS





Product Model		
All	Operating Ambient Temperature	-30 to 50 (°C)
Cell	Chemical System	LFP
	Capacity (@0.5C)	305 Ah
	Nominal Voltage	3.2 V
	Voltage Range	2.5 to 3.65 V
	Energy Density	≥ 176 Wh/kg
	Dimensions (L x W x H)	(207.01 ± 0.6) × (174.26 ± 0.6) × (71.80 ± 0.6) mm
Module	Capacity (@0.5C)	305 Ah
	Number of Series and Parallel Connection	2 × (1P24S + 1P28S)
	Dimensions (L x W x H)	~1963 x 397 x 218 mm
Pack	Number of Series and Parallel Connection	1P104S
	Nominal Voltage	332.8 V
	Voltage Range	260 ~ 379.6 V
	Quantity of Electricity	101.5 kWh
	Energy Density	≥ 150 Wh/kg
	Dimensions (L x W x H)	2214.6 × 794 × 246.2 (±5) mm
	Weight	670 ± 10 kg / 1477 ± 22 lbs

The company reserves the final right for explanation on any of the information presented hereby. FXE-D1-P101