Ford Energy

Energy Storage,
Raised to the Power of Ford.

The Ford Energy DC block is designed to support a broad range of storage applications – where reliability, predictable lifetime performance, and serviceability matter.

5.45 MWh
Rated Energy

Liquid Cooling
Thermal Management

LFP Prismatic
Cell Technology

2-Hour & 4-Hour
Unit Configurations

Battery Management System

A three-level BMS continuously monitors voltage, current, temperature, state of charge, and state of health for stable operation.

Thermal Management System

Liquid cooling with integrated heating helps keep the battery in its optimal operating range.

Fire Suppression System

Layered fire protection combines smoke, heat, and hydrogen detection with ventilation and suppression.

Auxiliary Power and Communications

Critical controls stay powered and connected with integrated UPS backup and standard industrial communications.

	FE-250 2-Hour System	FE-450 4-Hour System
Working Ratio	≤ 0.5 P	≤ 0.25 P
Rated Energy	5.45 MWh	
Cell Capacity	512 Ah	
Cell Dimensions	73 × 275 × 210 mm	
Voltage Range	1040 – 1500 VDC	
Aux. Power Load	Max 37.5 kW	
Noise	<75 dBA	
Cooling Method	Liquid Cooling	
Corrosion Protection Level	C5	
Ingress Protection (IP) Rating	IP55	
Operating Temperature	-35°C to +55°C	
Operating Altitude	≤ 4000m (No Derating)	
Dimensions	2438 × 6058 × 2896 mm / 20 ft Standard Container	
Product Weight	~43.5 tons	
Select Planned Certifications	UL1973, UL9540/UL9540A, NFPA855	