



110 Ah LFP Cell

Abundant materials. Secure supply. Michigan-made.

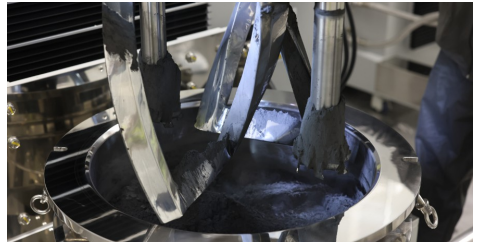
Improving throughput,
safety and durability.

Built in Michigan at our
state-of-the-art cell factory.

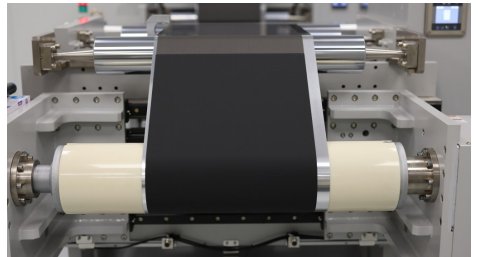
Under the guidance of pioneers of LFP cell technology, ONE cells are manufactured right here in the U.S. — advancing our mission to create a local, sustainable supply chain while minimizing costs and environmental impact.

ONE cells are available in both flexible opposed terminal prismatic (OTP) and high-energy TTP form factors. Already rolling off our production line, ONE's LFP cells are leading America's transition away from nickel and cobalt-based batteries.

We expect to be fully IRA/OBBBA/USMCA/BABA-compliant, benefitting from the 45X \$35/kWh cell manufacturing credit.



Electrode mixing at ONE Circle, Van Buren, MI.



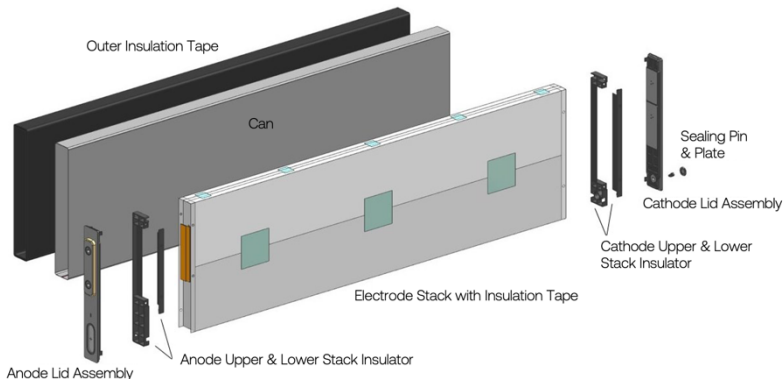
LFP cathode production at ONE Circle, Van Buren, MI.



Contact sales@one.ai

Our Next Energy (ONE)
45145 W 12 Mile Rd, Novi, MI 48377
one.ai/manufacturing



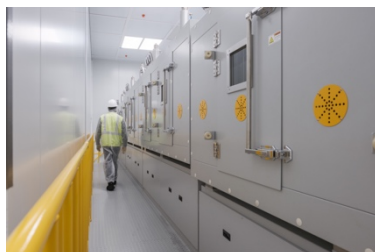


Opposed-Terminal Prismatic (OTP) LFP

Chemistry	LFP//AG	
Capacity (25°C, 0.3C)	110±3 Ah	
Energy Density	Volumetric	390 Wh/L
	Gravimetric	168 Wh/kg
Mass	2.1 kg	
Dimensions (H x W x T)	18.1 x 120.2 x 415.2 mm	
Operating Voltage	2.5 – 3.2 – 3.8 V	
Discharge Rate	Max Pulse	9.0C
	Max Continuous	Cooling & design-life dependent**
Charge Rate	Max Pulse	5.0C
	Max Continuous	Cooling & design-life dependent**
Operating Temperature	Discharge	-30–55°C
	Charge	-15–55°C
Cycle Life (to 80% SOH)	25°C (1C/1C)	2,500 cycles
	45°C (1C/1C)	1,500 cycles
	35°C FC (20 min., step 10–80% SOC, 0.5D)	1,000 cycles
Self-Discharge (25°C/1 month/100% SOC)	2%	
Storage	Retention	>97%
	Recovery	>98%
DCIR (2C/30 s/50% SOC)	<1 mΩ	
EUCAR Hazard Testing Level (nail pen., crush, OC, OD, short-circuit)	<4	

* Cycle life is highly dependent on use; ONE can apply our Aries Analytics modeling platform to estimate cycle life for your application.

** Thermal management and required cycle life dictate maximum continuous current. ONE can simulate cycle life and assist customers in designing systems.



 **2,500+**
cycles in mobility*

Built for demanding cycle requirements and climate extremes, ONE's durable LFP//Gr cells are the ideal building blocks for next-gen EV applications.

MWh-scale production is underway at ONE Circle.



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