

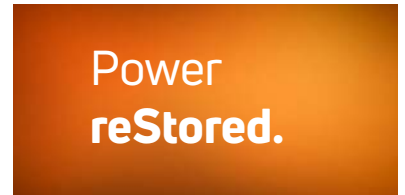


Battery Energy Storage Systems

We serve Engineers, EPCs, Developers, Contractors, and End users with best-in-class equipment and engineer support as a bolt-on resource to their teams.

What our BESS Includes:

- Liquid cooled
- UL9540 Certified
- UL9540a Tested
- Cycle life > 10000 c/s
- >94% Round trip efficiency
- Energy density > 160kWh/kg
- Prismatic cell | LFP Chemistry
- -22°~140°F ultra-wide temp range
- Meets NFPA 855 requirements



Product Overview

Stark Tech's LithTech line of Energy Storage Systems are the safest, most energy dense, and smartest systems on the market today. Every system has a comprehensive 10 year warranty with performance assurance included.

LithTech products are scalable, utility-grade and feature compact, robust designs. That fit a multitude of commercial, industrial, and utility applications.



Key Features

- Can be installed in parallel with others, allowing over 1MWh taking up less than a 10'x10' footprint
- Liquid cooling allows for less mechanical stresses to the battery cell, allowing for standard 10,000+ cycle lifetime
- Up to 20% less parasitic loads than air cooled technology
- Designed with safety as the first priority. From the LFP battery chemistry to the five levels of control built into the software architecture
- Factory installation, commissioning, O&M, LTSA, extended warranties, and economic dispatch available
- Available with the Energy Asset Monitoring Platform (EAM) with live support from our 24/7 command center
- Includes gas detection, power exhaust, deflagration, and full water deluge with FDC connection

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95 Stark Street, Tonawanda, NY 14150

Product Specifications



	04HC-0344-DC	04HC-0368-DC	20HC-03440-DC	20HC-03686-DC
Cell Capacity	3.2V / 280 AH	3.2V / 300AH	3.2V / 280 AH	3.2V / 300AH
Battery Chemistry	Lithium Iron Phosphate (LFP)			
Rated Cell Life	70% Retention at 10,000 cycles (0.5C at 77°F)			
Configuration	IP3845			
Rated Voltage	1228.8V			
Rated Voltage Range	900.0 - 1401.6V			
Nominal Energy	344kWh	368kWh	3440kWh	3686kWh
Rated Charge/Discharge Ratio	0.5C/0.5C			
Max kW	172kW / kVA	184kW / kVA	1720kW / kVA	1843kW / kVA
Dimension (L*W*H)	4.26' L x 4.26' W x 7.6' H		19.87' L x 7.99' W x 9.5' H	
Weight	6,500lb	6,700lb	66,320lb	68,785lb
Cooling Method	Liquid Cooled			
Coolant Type	50% Water / 50% Glycol			
Degree of Protection	IP55		IP54	
Energy Cycle Efficiency	> 94%			
Max Working Altitude	< 13,000ft			
Ambient Temperature Range	-22°F~ 140°F			
Product Certifications	IEC62619, UL9540A, UL1973, UL9540			
Communication Interfaces	RS485, Ethernet, GPRS			
Communication Protocols	DNP3.0, Modbus, IEC103, IEC104, Web API			

Skidded systems for fast Install & cost savings

We have now begun manufacturing complete pre-engineered skidded systems that include switchgear, transformers, inverters, protective relaying, controls and batteries, right here in the USA.



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