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LITHIUM IRON PHOSPHATE BATTERY EFLEX 5.4 KWH

[Home \(https://www.fortresspower.com/\)](https://www.fortresspower.com/) » Lithium Iron Phosphate Battery eFlex 5.4

kWh

The Fortress Power Advantage

NOW AVAILABLE

FLEXIBLE TO INSTALL

The compact and easy-to-install unit can be wall mounted or floor-standing. It also fits well into standard server racks for large systems

HIGH DURABILITY AND LONG-LASTING

10 Year Warranty with the safe and premium prismatic Lithium-Iron-Phosphate cells

LOWEST COST PER CYCLE

High energy throughput with exceptional life span (6000+ cycles) and high round-trip efficiency (>99%)



VERSATILE APPLICATIONS

Expandable from 5.4 kWh to 81 kWh for residential, commercial, railway, military, and telecommunication applications etc.

MONITOR FROM ANYWHERE*

The battery has a built-in data storage Wi-Fi for remote monitoring and troubleshooting ability

**online monitoring up-and-running by late Q3*

DOWNLOAD DATA SHEET
([HTTPS://WWW.FORTRESSPOWER.COM/WP-CONTENT/UPLOADS/2020/06/EFLEX-TECHNICAL-DATASHEET-2020.PDF](https://www.fortresspower.com/wp-content/uploads/2020/06/eflex-technical-datasheet-2020.pdf))

DOWNLOAD TECHNICAL NOTE
([HTTPS://WWW.FORTRESSPOWER.COM/WP-CONTENT/UPLOADS/2020/06/RACKING-SELECTION_REV3.PDF](https://www.fortresspower.com/wp-content/uploads/2020/06/racking-selection_rev3.pdf))

[Translate »](#)

WATERPROOF AND SALTWATER RESISTANT

The sleek-looking Aluminum cabinet has IP 65 waterproof rating to prevent salt-water corrosion

EFLEX 5.4 KWH



SPECIFICATIONS

	LFP-5.4
Total Energy (kWh)	5.4
Max. Charge Current (Continuous) [A]	55
Max. Discharge Current (Continuous) [A]	68
Max. Pulse Current (for 5 sec) [A]	130
Capacity [Ah]	105
Voltage Range [V]	44-58.4
Charging Temperature [F]	32 to 113
Discharging Temperature [F]	32 to 140
Storage Temperature [F]	32 to 95
Dimension [L x W x H, inch]	21.5 x 17.5 x 7.2
Weight [lbs]	116
Life Cycles	6000 @ 80% DoD
Round Trip Efficiency	>99%


FORTRESS BATTERIES CAN BE PAIRED WITH MOST CHARGERS AND HYBRID INVERTERS AVAILABLE ON THE MARKET.

VIEW OUR LIST OF COMPATIBLE INVERTERS ([HTTPS://WWW.FORTRESSPOWER.COM/INVERTER-COMPATIBILITY/](https://www.fortresspower.com/inverter-compatibility/))

- ✓ 99% Roundtrip Efficiency
- ✓ High Durability and Long-Lasting
- ✓ Safe Lithium Iron Phosphate Technology (LifeP04)
- ✓ Remote Monitoring
- ✓ Cell Level Monitoring & Balancing
- ✓ Remote Monitoring

REQUEST A QUOTE TODAY!

<input type="text" value="First & Last Name"/>	<input type="text" value="Phone Number"/>
<input type="text" value="Company"/>	<input type="text" value="Country"/>
<input type="text" value="State"/>	
<input type="text" value="Email Address"/>	
<input type="text" value="Reason For Inquiry"/>	

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INTERESTED IN BECOMING A CERTIFIED INSTALLER?

Join us to bring the latest energy storages to millions of homes and businesses across the world.

FIND OUT HOW ([HTTPS://WWW.FORTRESSPOWER.COM/CERTIFIED-INSTALLER-FORM/](https://www.fortresspower.com/certified-installer-form/))

ABOUT FORTRESS POWER

OUR PRODUCTS

CONTACT DETAILS



At Fortress Power, we pride ourselves on bringing businesses and households energy storage products they can depend on, built from only the highest quality, highest powered lithium ferrite phosphate batteries.



Rebates Available for Members of the Armed Forces and Veterans! (<https://www.fortresspower.com/contact-us/>)

Product Overview 505 Keystone Road
 (<https://www.fortresspower.com/solar-home-battery-storage-systems/>) Southampton, PA 18966
 (877) 497-6937 (tel:8774976937)
 Lithium Iron Phosphate Battery: sales@fortresspower.com
 eVault 18.5kWh (mailto:sales@fortresspower.com)
 (<https://www.fortresspower.com/lithium-iron-phosphate-battery/>)
 Lithium Iron Phosphate Battery: (https://www.linkedin.com.
 10kWh power-
 (<https://www.fortresspower.com/lithium-ferro-phosphate-battery/>) (<https://www.linkedin.com/company/fortresspower>)
 Lithium Iron Phosphate Battery: LFP-
 5K-48V
 (<https://www.fortresspower.com/lithium-ferro-phosphate-battery-5kwh/>)
 Lithium Iron Phosphate Battery:
 eFlex 5.4kWh
 (<https://www.fortresspower.com/lithium-iron-phosphate-battery-eflex-5-4-kwh/>)
 Fortress Energy Storage (Inverter & Battery)
 (<https://www.fortresspower.com/fortress-energy-storage-inverter-and-battery/>)

APPLICATIONS

AC Coupled
 (<https://www.fortresspower.com/ac-coupled/>)
 DC Coupled
 (<https://www.fortresspower.com/dc-coupled/>)
 On Grid
 (<https://www.fortresspower.com/on-grid/>)
 Off Grid
 (<https://www.fortresspower.com/off-grid/>)

Certified Dealer Application
 (<https://www.fortresspower.com/certified-installer-form/>)

RECENT POSTS



(<https://www.fortresspower.com/how-we-set-up-the-new-standards-for-lithium-battery-systems/>)

HOW WE SET UP THE NEW STANDARDS FOR LITHIUM BATTERY SYSTEMS. (HTTPS://WWW.FORTRESSPOWER.COM/HOW-WE-SET-UP-THE-NEW-STANDARDS-FOR-LITHIUM-BATTERY-SYSTEMS/)

July 8, 2020

For more infoamtion on Fortress Power products, please visit us at www.fortresspower.com More information on the New eFlex 5.4 battery can be found here: <https://www.fortresspower.com/lithium-iron-phosphate-battery-eflex-5-4-kwh/>Read More » (<https://www.fortresspower.com/how-we-set-up-the-new-standards-for-lithium-battery-systems/>)



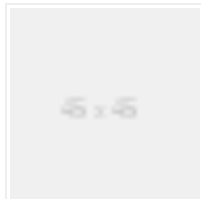
(<https://www.fortresspower.com/eflex-5-4-is-built-with-the-highest-quality-standard/>)

EFLEX 5.4 IS BUILT WITH THE HIGHEST QUALITY STANDARD! (HTTPS://WWW.FORTRESSPOWER.COM/EFLEX-5-4-IS-BUILT-WITH-THE-HIGHEST-QUALITY-STANDARD/)

May 27, 2020

Get to know Fortress Power's New eFlex 5.4 – the latest addition to our product catalog and let us know if you have any questions. More information and a request for a quote can be found here: <https://www.fortresspower.com/lithium-iron-phosphate-battery-eflex-5-4-kwh/>Read More » ([https://www.fortresspower.com/eflex-5-4-is-built-with-the-highest-quality-](https://www.fortresspower.com/eflex-5-4-is-built-with-the-highest-quality-standard/)

standard/)



(<https://www.fortresspower.com/fortress-power-introduces-the-eflex-5-4/>)

FORTRESS POWER INTRODUCES THE E-FLEX 5.4! – BLOG POST HERE (HTTPS://WWW.FORTRESSPOWER.COM/FORTRESS-POWER-INTRODUCES-THE-EFLEX-5-4/)

May 18, 2020

Fortress Power introduces our newest innovative battery technology! Reference: Previous Blog Post: How to Calculate the Energy Cost of Different Battery Chemistries: <https://www.fortresspower.com/how-to-calculate-the-energy-cost-of-different-battery-chemistries/>Read More » (<https://www.fortresspower.com/fortress-power-introduces-the-eflex-5-4/>)



(<https://www.fortresspower.com/comparing-the-rolls-s6-gc2-battery-to-fortress-power-lfp10-battery/>)

COMPARING THE ROLLS S6 GC2 BATTERY TO FORTRESS POWER LFP10 BATTERY. (HTTPS://WWW.FORTRESSPOWER.COM/COMPARING-THE-ROLLS-S6-GC2-BATTERY-TO-FORTRESS-POWER-LFP10-BATTERY/)

May 5, 2020

Fortress Power launched a new YouTube video to showcase a simple comparison between the Fortress Power LFP10 and the Rolls S6 GC2 Battery. If you have any questions regarding this comparison or further technical questions, please contact us at sales@fortresspower.comRead More » ([https://www.fortresspower.com/comparing-the-rolls-s6-gc2-battery-to-fortress-power-](https://www.fortresspower.com/comparing-the-rolls-s6-gc2-battery-to-fortress-power-lfp10-battery/)

lfp10-battery/)



(<https://www.fortresspower.com/fortress-power-vs-tesla/>)

FORTRESS POWER VS. TESLA! (HTTPS://WWW.FORTRESSPOWER.COM/FORTRESS-POWER-VS-TESLA/)

April 9, 2020

Here is a simple explanation of how Fortress Power products compare to Tesla! Check it out and let us know if you have any questions at sales@fortresspower.comRead More » (<https://www.fortresspower.com/fortress-power-vs-tesla/>)