

# Eaton power system experience center

18650<sup>3.7V</sup>  
Li-ion  
RECHARGEABLE BATTERY

2000mAh





## Overview

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What can you expect at the Eaton Experience Center in Pittsburgh?

At the Eaton Experience Center in Pittsburgh, you can see the latest advances in electrical power quality, energy management and safety. In this controlled environment, visitors observe product testing and performance, participate in live demonstrations and training courses and learn about power management technologies from Eaton experts.

What is Eaton's experience center?

Our goal is to help take the mystery out of electrical power systems spanning from utility substation equipment to the receptacle in your home — making them come to life. Eaton's Experience Center located in Raleigh, North Carolina, is a state-of-the-art facility designed to demonstrate Eaton's industry-leading power quality solutions.

Where can I learn more about Eaton power management technologies?

To learn more about Eaton's power management technologies, visit [Eaton.com/Brightlayer](http://Eaton.com/Brightlayer). For information on Eaton's full range of innovative power management technologies, visit [Eaton.com](http://Eaton.com).

What are the hours of operation for Eaton power management?

Eaton's hours of operation for power management are Monday - Friday: 8:00 a.m. to 6:00 p.m. Eastern time. Eaton's mission is to improve the quality of life and the environment through the use of power management technologies and services. Backup power, UPS, surge & IT power distribution Backup Power (UPS) 9PX.

What is the Eaton Center?

The dream of high-tech business accommodations in a hometown environment is a reality at The Eaton Center. Our tenants enjoy a broad scope of amenities, and the variety of available services makes The Eaton Center a



convenient place to work and do business. First class office space in a highly professional atmosphere with plenty of room to expand.

Where is Eaton power systems located?

Eaton 1000 Eaton Boulevard Cleveland, OH 44122 United States Eaton.com  
Eatons Power Systems Division 2300 Badger Drive Waukesha, WI 53188  
United States Eaton.com/cooperpowerseries © 2022 Eaton All Rights Reserved  
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## Eaton power system experience center

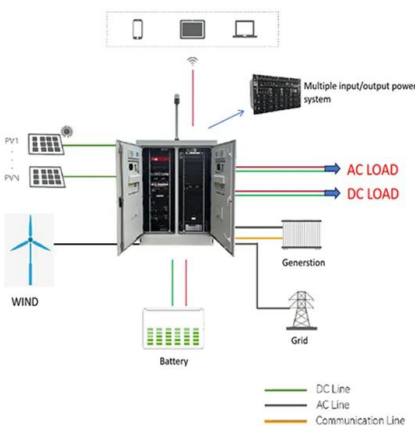
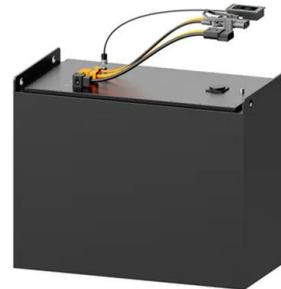
### [Design-Build & Testing , Experience Centers](#)



Eaton's Experience Centers provide the ability to test real products and systems, creating "what if" scenarios via exposure to electrical anomalies without safety risks or potential product damage. Designed with full-scale power system components and loads, the

### Power Systems Engineering

Power Systems Engineering - Short circuit coordination and arc flash studies The Power Systems Experience Center (PSEC) discusses Eaton's Power Systems Engineering and short circuit coordination, power system and arc flash studies.



### Data Center Solutions

The Eaton Power Systems Experience Center (PSEC) breaks down data centers covering uninterruptable power supply (UPS), hot aisle containment, racks, PDU, EPDU, transfer switch, static switch, battery and storage, super capacitors and generators.

### [Experience Centers , Virtual Tours](#)

Eaton Experience Centers. Virtual tours. See the applications, products and solutions available at the Eaton Experience Centers virtually before you visit. Training. Locations. Knowledge Center.

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[Training , Experience Centers , Eaton](#)

Through classroom, hands-on and live application training environments, Eaton Experience Centers provide a global training solution to address knowledge gaps and power industry ...



[Design-Build & Testing , Experience Centers](#)

Designed with full-scale power system components and loads, the Experience Centers let visitors test and demonstrate electrical issues like voltage sags, harmonics and transients.



[Eaton/Pitt Electric Power Systems Lab](#)

4 ???· Eaton and the Power Systems Experience Center (PSEC) worked with the University of Pittsburgh to create the Pitt Power Lab (located in Benedum Hall). The lab is designed to help young engineers get real world hands-on electrical training.





### Harmonics

The Eaton Power Systems Experience Center (PSEC) gives an educational overview on harmonics that covers IEEE 519, VFDs, VSDs and power quality issues that affect your electrical system. DIN rail products for industrial applications The Industrial Internet of



### Experience Centers , Locations , Pittsburgh , Industrial

The Eaton Experience Center in Pittsburgh offers hand-on interaction with industrial products for oil and gas, mining and water/wastewater. These products are featured through demonstrations that show power quality, automation, power distribution, motor control and protection, and many additional solutions.

### Eaton Experience Center

By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power ...



### Experience Centers , Locations , Houston , Utility

The Experience Center in Houston showcases how Eaton helps the power management industry generate and distribute reliable, efficient and high-quality power and build a smarter grid. The facility's large-scale applications give visitors a hands-on experience of the products and solutions that create and deliver power, including:



### Eaton Power Systems Experience Center Tour and Demonstration

Eaton Power Systems Experience Center Tour and Demonstration, 12 January 2023 06:00 PM to 09:00 PM (America/New\_York), Location: 130 Commonwealth Dr., Warrendale, Pennsylvania, United States Eaton Power Systems Experience Center Tour and Demonstration : vTools Events



### [Experience Centers , Locations , Houston](#)

From a mock petrochemical refinery to a substation and power distribution grid, the Eaton Experience Center in Houston provides a global education solution with the unique ability to provide hands-on training in a true-to-life environment. This 36,000-square-foot

### Power Systems Experience Center Tour - Metering Focus

At Eaton's Power Systems Experience Center (PSEC), see Power Defense circuit breakers in action and learn how to monitor system faults, diagnose power quality issues, and measure reliability with breaker health. Learn about all the advanced features! 14:59



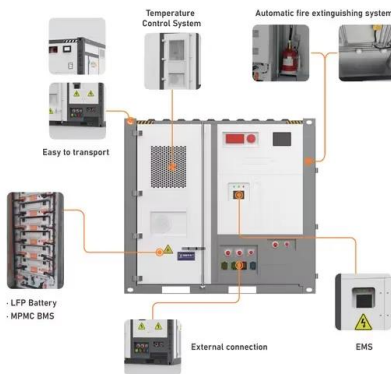
### Experience Centers , Locations , Pittsburgh , Utility

The Eaton Experience Center in Pittsburgh showcases how Eaton helps the power management industry generate and distribute reliable, efficient and high-quality power and build a smarter grid. The facility's large-scale applications give visitors a hands-on experience of the products and solutions that create and deliver power, including:



[Locations , Experience Centers , Eaton](#)

Eaton's Experience Center located in Raleigh, North Carolina, is a state-of-the-art facility designed to demonstrate Eaton's industry-leading power quality solutions. The facility is available for customer demonstrations and sales visits. Complete with backup power



**PSEC Training**

Learn how the Eaton Power Systems Experience Center (PSEC) provides training and education for electricians, engineers and many others through hands-on training on live application environments and demos. NEC 2023 GFCI requirements: making your next

**Variable Module Management System & Energy Saver System**

The Eaton Power Systems Experience Center (PSEC) explains the Variable Module Management System (VMMS) and Energy Saver System (ESS) for increased energy savings in data center applications. Learn more about UPS and energy savings.



[Eaton's Power Systems Experience Center](#)

Welcome to Eaton's Power System Experience Center Located just outside of Pittsburgh, PA, Eaton has created a visitor's center for testing and demonstration of full-scale, energized equipment to educate and explore a range of electrical system solutions.



## Transformers

See the types of transformers at the Eaton Power Systems Experience Center (PSEC) and the practical application considerations you should evaluate before applying transformers on your power system. Learn about voltage regulars and tap changers.



**LFP12V100**



## Experience Centers , Locations , Pittsburgh , Buildings

The Eaton Experience Center in Pittsburgh offers products and solutions for buildings through a wide range of live applications and product displays within the facility. Demonstrations for power distribution, lighting and controls, circuit protection, backup power and monitoring feature Eaton's buildings solutions.

## PSEC Overview

Learn about the Eaton Power Systems Experience Center (PSEC) - a training facility where engineers and electricians can see the latest advances in electrical power quality, energy management and safety, and test products in a safe environment.



## Full-Scale Microgrid Powers Eaton's Expanded Pittsburgh Experience

Date: May 2, 2017 PITTSBURGH, PA -- Power management company Eaton today announced it has expanded the range of capabilities in its Power Systems Experience Center (PSEC), a full-scale training, testing and demonstration facility near Pittsburgh. The





## Experience Centers

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## Power Systems Experience Center Grand Opening

The Power Systems Experience Center is hosting an open house on September 27, 2017 to reveal an expanded facility and enhanced capabilities. New interactive applications with live ...



## [Power Systems Experience Center Pittsburgh](#)

EATON Power Systems Experience Center 3 At the Power Systems Experience Center (PSEC), Eaton's testing, training and demonstration facility near Pittsburgh, visitors can see firsthand the latest advancements in electrical power quality, energy you can



To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration

## [Eaton Power Quality Experience Center](#)

See how the Eaton Power Quality Experience Center provides training and testing of products in application, focusing on uninterrupted power supply systems (UPS) that ensure quality electrical power for data centers, hospitals, manufacturing and more.



## Power System Studies

6 ???· The Eaton Power Systems Experience Center (PSEC) explains the details and importance of load flow (lf), power factor correction (pf), harmonics and power systems studies. 60 New releases 8 Experience Centers 70 Harmonic FAQs



## Power Systems Studies

Experts from Eaton's Experience Center explain how to protect your people and equipment from arc flash events with arc flash studies, boundaries and labels, Personal Protective Equipment (PPE), hazard risk category, NFPA 70E and IEEE158.



## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.vdbconstruction.co.za>