

A woman with dark, curly hair, wearing a light blue button-down shirt, is smiling and looking towards the camera while holding a tablet. The background shows a modern interior with a staircase, a grey sofa, and a wooden coffee table.

# Design a safer, smarter, energy-efficient home

## Open the door to smarter home solutions

The energy transition, increased adoption of renewables and the move toward electrification have paved the foundation for a new community of intelligent homes. Through our integrated solutions, we can help you capitalize on the many advantages of smart home technology, as well as solve critical energy challenges and ensure home electrical safety. We make it easier for you to save time and money, enhance safety and security, enable greater comfort and convenience, and build an energy-efficient home.



*Powering Business Worldwide*

## Boxes and covers



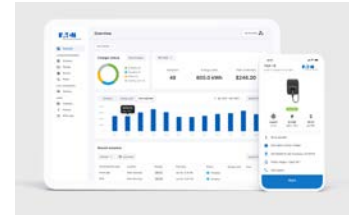
### Crouse-Hinds™ series die cast weatherproof boxes, covers and while-in-use covers

- For use in branch circuit wiring in wet, damp or dry locations
- Durable and corrosion resistant
- Single-, two- and three-gang and round outlet box options
- Complete line of non-metallic and metallic while-in-use covers

### Crouse-Hinds PVC ceiling boxes and ceiling fan boxes

- For use in the installation of lighting fixtures and ceiling fans
- Suitable for support of fans weighing up to 35 lb
- Made of heavy-duty, engineered thermoplastic material
- Time-saving solution with quick entry and integral clamping

## Brightlayer software



### Brightlayer Home app

- Control connected devices remotely
- Easily view power usage and make more informed energy decisions
- Create schedule to maximize savings during off-peak hours

### Charging Network Manager

- Oversee charging locations and stations
- Enable driver access and control
- Monetize charging infrastructure
- Reduce costs with load management

## Circuit protection



### BR circuit breakers

- Available in 1-inch thermal-magnetic, AFCI, GFCI and AF/GF designs
- Added and improved diagnostic trip codes designed for complex occurrences and overloads provide ease of troubleshooting during maintenance

### CH circuit breakers

- Available in ¾-inch thermal-magnetic, AFCI, GFCI and dual function options
- Standard LED indicates one of seven trip codes to simplify circuit diagnostics
- Meets areas requiring AFCI protection under the 200 and all subsequent edition of the NEC®



### Classified circuit breakers

- UL® Listed
- Compatible with over 750 loadcenters
- Includes 1-inch, ¾-inch, one- and two-pole options with arc fault, ground fault, surge and thermal-magnetic protection
- Meets NEC Article 240.7 requirements

### Main circuit breakers

- 10–100 kAIC for range of interrupting capacities
- Oversized 300 MCM load-side lugs on most main breakers
- Easily interchangeable for custom solutions



# Connectivity and peripherals



## PC/laptop docking stations

- Connects 2+ displays at the same time for easy multitasking and increasing productivity
- Joins a wired 10/100/1000 Gb Ethernet network when Wi-Fi is not available
- Provides high video resolution and fast-charging large-capacity devices



## Charging stations

- Lightweight and ideal for organizing electronic cordage and powering devices such as smartphones, tablets, e-readers, handheld gaming devices, laptops, smart watches, etc.



## USB-C charging cables

- Connects a USB-C device to the USB-A port on your computer or charger
- Backward compatible with previous USB generations
- Available types: flat cables, coiled cables, angled, universal, antimicrobial, industrial, heavy duty, etc. ranging from 3 ft to 13 ft+



## Desktop monitor mounts

- Positions monitors with one-touch ease to optimize viewing angle and height to fit your environment and comfort level
- Frees up valuable space on your desk, table or workstation



## Desktop adjustable height workstation

- Adjustable sit-stand workstation improves workspace ergonomics without modifying the entire work surface by customizing desk height for sitting, standing and the comfort of different users



## TV/monitor wall mounts

- Fixed, tilt and full-motion mounts
- Security mounts for public areas



## Power cords

- Replace device cords to optimize length, change plug types or color-code an installation
- Safe-IT™ antibacterial cords that help prevent the growth of bacteria

# Disconnects



## Air conditioning disconnects

- Fused, non-fused and molded case switches available
- Galvanized steel or durable polycarbonate enclosures
- Ground fault, weather-resistant, tamper-resistant receptacles and NEMA® 3R rainproof enclosures

# Interlocks



## Mechanical interlock kits

- UL listed and NEC 702 compliant
- CH and BR loadcenters and meter breakers for indoor and outdoor applications
- Protects utility linemen from dangerous generator backfeed





# Meter mounting equipment, meter breakers, metering, group metering



## Single meter sockets

- Two styles are available to fit either BR or CH type branch breakers
- One-piece, die-run enclosure eliminates tampering and extends product life
- Block assembly base exceeds 400 in-lb of torque, providing durability under extreme installation circumstances



## B-Line series residential meter sockets

- Ringless and ring-type options available
- NEMA Type 3R; 100 A and 200 A options
- Available in flush-mount and underground applications



## B-Line series residential meter mains

- For service entrance equipment systems that consist of single meter socket and main breaker in one enclosure
- Meets NEC 2020 requirements



## Energy monitoring and tenant metering

- Energy meter options help to meet local energy codes for multi-family residences
- Building owners can verify electrical bill and take actions to improve sustainability and save money
- ANSI accurate, high-density, multi-circuit meters allow transparency around tenant energy usage, promoting conservation and encouraging ownership
- Wall-mounted enclosures allow retrofits in existing multi-family buildings



## Residential meter stacks

- Meter socket and tenant main breaker/wireway sections are separated by a solid metal barrier to guard unmetered bus against power theft
- A convenient termination for neutral conductors is in the wireway of each module
- Galvanized steel enclosures include rust-inhibiting phosphate primer and gray baked enamel for long-term durability

# Portable power stations



## Portable power stations

- An alternative to small portable generators
- Rechargeable lithium-ion batteries
- Available in 500 W and 1000 W power ratings



## Inverters and inverterchargers

- Power equipment like tools and chargers using a vehicle's battery



# Power distribution



## Loadcenters and meter breakers

- Available in Type CH and Type BR designs
- Commercial-grade 25 kAIC rated main breaker (150 A and above)
- Available in non-EUSERC and EUSERC (West Coast) designs
- Limited lifetime warranty on Type CH, and 10-year warranty on Type BR



## Smart breakers

- Monitor energy habits with revenue-grade metering
- Simplify the safe integration of renewables
- Improve resiliency and support flexible load management
- Flexibility to integrate with preferred software through open APIs



## Green Motion EV smart breaker chargers (single family)

- AC Level 2 charging at 7.7 kW, 240 Vac
- Designed for residential and multi-tenant applications
- Multiple installation options offer flexibility and efficiency



## EV charging panelboards (multi-family)

- 40 Vac (up to 10)
- Highly scalable solution: adding new EV chargers is as easy as adding a new circuit breaker
- NEMA 1, 2, 3R, 4, 4X and 12 enclosures available



## Green Motion Building (multi-family)

- AC Level 2 charging at 9.6 kW, 240 Vac
- Multi-tenant and workplace charging solution



## Green Motion Building Pro (multi-family)

- AC Level 2 charging at 11.5 kW, 240 Vac with adjustable output between 32 A, 40 A and 48 A based on infrastructure capacity
- Commercial and destination charging solution for passenger vehicles



## Power strips

- Offers reliable, convenient and cost-effective power distribution for appliances, power tools, lighting and other electrical equipment
- Multi-outlet strip reduces cable clutter and enables the connection of multiple electrical devices to a single AC wall socket



## Safety power strips

- Designed to withstand use in challenging conditions
- Yellow housings and cords comply with OSHA standards



## Automatic transfer switches

- 50 A, 100 A, 150 A, 200 A and 400 A designs available
- Contractor-friendly features make installations quick and easy, which saves time and money
- 24-hour technical support, 7 days a week means backup power protection has minimal to no downtime



## Residential Flex Center



### Retrofits

- Designed and tested specifically for renovating outdated electrical panels, available in single- or three-phase for both MLO and MCB applications



### True flat panels

- Designed for high traffic area of a multi-family residence or building, the BR true flat panel includes a flush-mount cover, exposing no hardware, producing a seamless and uniform appearance



### Custom loadcenters

- Meet specific panel requirements, including single- or three-phase interiors, multiple circuit configurations, ampere ratings, enclosure materials

## Spa panels



### Spa panels

- NEMA Type 3R rainproof
- CSA®/UL Listed
- Preinstalled neutral and ground bars
- Bottom feed or top feed using a bolt-on raintight hub

## Surge protection UPS battery backup



### Surge protectors

- Ensures premium protection for A/V components, appliances, power tools, PCs, modems and other electronics against dangerous surges, spikes and line noise in your home and home office
- May also offer auto/manual switching capabilities for energy savings and money saving perks



### Gaming UPS

- Protects your PC, gaming console and other equipment from power interferences
- Keeps running during power disruptions to allow time for game saves and safe shutdowns



### Home network UPS

- Maintains remote access and control of networked devices during power disruptions
- Backup lithium-ion batteries provide reliable power up to 5 hours



### Standby UPS

- Perfect UPS for your home office needs
- These outlets are recommended for printers, desk lamps and other non-essential peripherals that don't need to be operational all the time
- Provides reliable battery backup and AC power protection for your expensive office equipment



## Wiring devices



### GFCI receptacles

- Ground fault protection
- Protects people and property
- Nightlight versions available
- Audible versions available



### Receptacles

- USB charging
- LED nightlight
- Decorator and duplex



### Lighting controls

- Dimmers
- Timers
- Sensors
- Fan speed control



### Smart home

- Broad selection of Wi-Fi and Z-Wave Plus devices
- Easily integrates into today's smart home ecosystems (Amazon Alexa or Google Home)
- Eaton's Brightlayer Home app



### Switches

- Toggle
- Decorator
- Combination
- Lighted



### Wallplates

- Available in wide array of sizes, colors and materials
- Available in one through six-gang configurations
- Multimedia, home data and power outlet wallplates available



### Weatherproof and while-in-use covers

- Extra duty protection while in use
- Metallic and non-metallic covers
- Multi-gang configurations



### Surge receptacles

- Ideal for protecting sensitive electronic equipment
- LED indicators verify surge protection
- Audible alarm options available

## Whole home surge protection



### Surge bricks

- Externally mounted to your breaker box
- Compatible with any manufacturer's breaker box
- Limited lifetime product warranty with connected equipment coverage



### Surge breakers

- Internally mounted to your breaker box
- Recommended use with limited panel space
- Functional two-pole circuit breaker
- 5-year limited product warranty with connected equipment coverage



### Surge modules

- Plug-on neutral and legacy designs for new and retrofit applications
- Protects single- and split-phase configurations
- Offers a 1-year product warranty



### Eaton CH surge-integrated loadcenter

- CHSPT2ULTRA delivers 20 kA nominal discharge current/108 kA surge capacity per phase
- 32 or 44 space distributors, MLO or MCB, and raintight options
- Limited lifetime warranty with up to \$75,000 of equipment coverage





Discover how you can unlock the advantages of a more intelligent home at [Eaton.com/Residential](https://Eaton.com/Residential)