What do you get when you combine over 90 years of experience with industry-first power innovations? The most advanced, most intelligent lineup of panelboards and switchboards in history. Built on a foundation of excellence, the feature-rich Pow-R-Line Xpert® family with Eaton’s new Power Defense™ circuit breakers includes built-in communications, energy metering and breaker health diagnostics for safer, more reliable systems.

Features and benefits

**PREDICTIVE**

Breaker health diagnostics
Monitors and communicates breaker health status, enabling predictive maintenance to avoid costly, unscheduled downtime

**CLEAR VISION**

Re-engineered deadfront covers
Offers full visibility to breaker faceplate as well as accessibility to trip units without having to remove deadfront cover

**PREPARED**

Standardizing Arcflash Reduction Maintenance System™ (ARMS) functionality
Enhanced and consistent functionality of industry-leading solution to reduce arc flash energy released during maintenance operations

**INSIGHTFUL**

Integrated metering capabilities
Simplifies installation by current and voltage metering internal to trip unit with no need for external modules

**CONNECTED**

Embedded communications
Helps to reduce cost by eliminating the need for separate communication components and associated wiring

**ADAPTABLE**

Thru-cover accessories
Easily removable secondary covers designed to install a wide range of accessories in field without voiding factory warranty

**EFFICIENT**

PXPM testing and configuration
PXR trip units equipped with micro-USB connection for secondary injection testing through your PC, saving you labor hours and the cost of expensive test kits

Panelboards and switchboards are used to safely and efficiently distribute power in data centers, healthcare applications, commercial buildings, institutions and much more.
Pow-R-Line Xpert
at a glance

CONNECTED
Embedded communications

PREDICTIVE
Breaker health diagnostics

PREPARED
Standardizing ARMS functionality

CLEAR VISION
Re-engineered deadfront covers

ADAPTABLE
Thru-cover accessories
Dedicated left pocket, snap-in accessories

INSIGHTFUL
Integrated metering capabilities

EFFICIENT
PXPM testing and configuration
Eaton.com/PXPM

PREPARED
Standardizing ARMS functionality
A convergence of industry-first smarts and trusted know-how.
**Pow-R-Line Xpert family classification**

**PRL1X**
- **Maximum voltage**: 240 Vac
- **Maximum amperage**: 600 A main, 100 A branch, 400 A subfeed
- **Standard provisions**: Yes—specified by number of circuits
- **Product type**: Panelboard
- **Features**:  
  - Power Defense molded case circuit breakers
  - EZ™ Box and EZ™ Trim standard
  - Surge options are available up to 200 kA
  - Chassis accepts miniature circuit breaker types BAB and QB
  - Integral customer metering options are available

**The bottom line**: The PRL1X is designed for 240 Vac and below lighting and appliance applications.

**PRL2X**
- **Maximum voltage**: 480Y/277 Vac, 125/250 Vdc 3 W
- **Maximum amperage**: 600 A main, 100 A branch, 400 A subfeed
- **Standard provisions**: Yes—specified by number of circuits
- **Product type**: Panelboard
- **Features**:  
  - Power Defense molded case circuit breakers
  - EZ Box and EZ Trim standard
  - Surge options are available up to 200 kA
  - Chassis accepts miniature circuit breaker types BAB and QB
  - Integral customer metering options are available

**The bottom line**: The PRL2X is designed for low AIC 480Y/277 Vac, lighting and appliance applications or high AIC 120/208 Vac applications.

**PRL3X**
- **Maximum voltage**: 600 Vac, 250 Vdc 2 W
- **Maximum amperage**: 600 A main, 800 A MLO, 225 A branch, 400 A subfeed
- **Standard provisions**: No—must be manually added
- **Product type**: Panelboard
- **Features**:  
  - Standard chassis accepts Power Defense molded case circuit breakers
  - Can include 1X or 2X sub-chassis for miniature circuit breakers
  - EZ Box and EZ Trim standard
  - Surge options are available up to 200 kA
  - Integral customer metering options are available

**The bottom line**: The PRL3X is a hybrid lighting and power panel for lighting/appliance and small power distribution and motor applications.

**PRL4X**
- **Maximum voltage**: 600 Vac, 600 Vdc 2 W
- **Maximum amperage**: 1200 A main, 1200 A branch
- **Standard provisions**: No—must be manually added
- **Product type**: Panelboard
- **Features**:  
  - Standard chassis accepts Power Defense molded case circuit breakers
  - Can include 1X or 2X sub-chassis for miniature circuit breakers
  - BX type can, DFC only standard
  - Complete line of Power Xpert metering options are available
  - GFCI on the main circuit breaker is available
  - Surge options are available up to 400 kA with integral breaker
  - 65 kAIC standard bus bracing; optional 100 or 200 kAIC

**The bottom line**: The PRL4X is designed for 1200 A and below, service entrance, power distribution and motor applications.

**PRLX**
- **Maximum voltage**: 600 Vac, 600 Vdc 2 W
- **Maximum amperage**: 6000 A main bus
- **Standard provisions**: No—must be manually added
- **Product type**: Switchboard
- **Features**:  
  - Includes Power Defense molded case circuit breakers
  - Front or rear accessible
  - Utility metering provisions available
  - Complete line of Power Xpert metering options are available
  - Surge options are available up to 400 kA with integral breaker
  - 65 kAIC standard bus bracing; optional 100 or 200 kAIC

**The bottom line**: The PRLX combines a space-saving design with modular construction and increased systems ratings.

**PRLXD**
- **Maximum voltage**: 480 Vac
- **Maximum amperage**: 2000–6000 A rated bus
- **Standard provisions**: No—must be manually added
- **Product type**: Switchboard
- **Features**:  
  - Can accommodate the following in a single UL 891 assembly:  
    - 400–4000 A drawout insulated case circuit breakers
    - 70–600 A drawout molded case circuit breakers
    - 20–1200 A fixed group-mounted molded case circuit breakers
  - Includes Eaton’s Power Defense circuit breaker offering

**The bottom line**: The PRLXD is a reliable solution that integrates both drawout insulated case and molded case circuit breakers into a single UL® 891 assembly.
Eaton Pow-R-Line panelboards and switchboards are built to your requirements at our world-class manufacturing plants in Sumter, SC, El Paso, TX, and Juarez, Mexico. In addition, Eaton has 16 regional satellite facilities located across the country to meet your panelboard and switchboard service needs.

Eaton.com/satellites