An ideal solution for monitoring and metering applications

Overview
Eaton's Pow-R-Line Xpert™ PXM350 includes a compact, affordable energy meter that combines exceptional performance and easy installation to deliver a cost-effective solution for energy and power monitoring applications, as well as submetering applications.

Because of its compact size, the Pow-R-Line Xpert PXM350 is an ideal solution for panelboard applications to monitor the main power coming into the panelboard. Use the Pow-R-Line Xpert PXM350 for applications in lighting appliance and small power distribution panelboards up to 400 amperes.

With the rapidly changing emphasis on LEED® designs, the Pow-R-Line Xpert PXM350 helps you to meet the Measurement and Verification points required by LEED and the U.S. Green Building Council.

All models include pulse output, time of use, event logging and an alarm relay output for maximum versatility. Modbus® and BACnet communications offer added flexibility for configuration, communication and data analysis.

Key features
- Economical and compact watthour meter with demand
- Backlit LCD display for local reading
- Compatible with the Power Xpert® Gateway for remote monitoring
- Monitors:
  • Voltage, current, power factor, frequency
  • Power: real, reactive and apparent
  • Energy: real, reactive and apparent
- Demand measurement of current, real power, reactive power and apparent power
- Peak demand
- Demand forecasting
- Serial communications (Modbus RTU and BACnet MSTP)
- Revenue grade, ANSI C12.20 0.5% accuracy, IEC 62053-22 Class 0.5S
- User-enabled password protection
- On-board diagnostics

The Pow-R-Line Xpert PXM350 allows you to:
- Verify energy bills
- Make informed load shifting and shedding decisions
- Fairly and accurately allocate energy costs to users
- Identify wasteful practices
- Decrease unnecessary usage
- Produce an energy profile
- Secure the optimum utility rate structure

Typical applications
- Commercial submetering
- Energy management
- Industrial monitoring
- Cost allocation
- Data center
- Light commercial
- Industrial
- Institutions

Featuring Pow-R-Line Xpert PXM350 panelboard
Panelboard ratings and features

- Panelboard: UL 67 Listed
- Enclosures: UL 50 Listed
- 208/120 Vac, 240 Vac, 480Y/277 Vac, 480 Vac and 125 Vdc
- Main lugs or main breaker
- Top or bottom feed
- Up to 200 kAIC symmetrical short-circuit current rating
- 100 A, 225 A and 600 A bussing
- 18 to 84 branch circuit configurations
- Single-pole, two-pole and three-pole branch devices, 15 to 125 A

NEMA enclosure options

A variety of NEMA enclosures are available as options: NEMA Type 1, 2, 3R, 4, 4X and 12.

Dimensions in inches (mm)

Heights
- 36.00 (914.4)
- 42.00 (1066.8)
- 48.00 (1219.2)
- 60.00 (1524.0)
- 72.00 (1828.8)
- 90.00 (2286.0)

Widths
- 20.00 (508.0)
- 28.00 (711.2)

Depth
- 5.75 (146.1)

Note: Contact your local Eaton distributor or sales engineer for additional information on these and other modifications and accessories.

Customer orders and shipping

Each Pow-R-Line Xpert PXM350 panelboard is assembled to the customer’s specifications.

For more information on the PXM350 meter, please refer to Technical Data TD150024EN, contact your nearest Eaton sales office or go to Eaton.com/electrical.
### Pow-R-Line 1X, 2X and 3e specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Rating</th>
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<tbody>
<tr>
<td><strong>Pow-R-Line 1X ratings</strong></td>
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<tr>
<td>Voltage</td>
<td>240 Vac maximum</td>
</tr>
<tr>
<td>Main breaker</td>
<td>100–400 A</td>
</tr>
<tr>
<td>Main lug</td>
<td>100–400 A</td>
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<tr>
<td>Maximum kAIC</td>
<td>10–22 kA fully rated</td>
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<tr>
<td></td>
<td>22–200 kA series rated</td>
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<tr>
<td>Branch circuit breaker</td>
<td>15–100 A</td>
</tr>
<tr>
<td>Branch breaker connector</td>
<td>140 A</td>
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<tr>
<td>Branch circuit breaker types</td>
<td>6A (BAB, BAB-H), QBH (QBHW, QBHW-H), QBGF,</td>
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<tr>
<td></td>
<td>QBGFEP, QBGFT, QBHSFEP, HOP, QHPW, QHPX,</td>
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<tr>
<td></td>
<td>QPG, QPHG, QPHGF, QPHGFEP, BABR, QBAF,</td>
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<td></td>
<td>QBAG, QBHA, QBCAF and QBHCAF</td>
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<tr>
<td><strong>Pow-R-Line 2X ratings</strong></td>
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<tr>
<td>Voltage</td>
<td>240 Vac, 480Y/277 Vac and 125/250 Vdc maximum</td>
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<tr>
<td>Main breaker</td>
<td>100–400 A</td>
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<tr>
<td>Main lug</td>
<td>100–400 A</td>
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<tr>
<td>Maximum kAIC</td>
<td>240 Vac:</td>
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<tr>
<td></td>
<td>65 kA fully rated</td>
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<tr>
<td></td>
<td>65–200 kA series rated</td>
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<tr>
<td>480Y/277 Vac:</td>
<td>14 kA fully rated</td>
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<tr>
<td></td>
<td>22–150 kA series rated</td>
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<tr>
<td>125/250 Vdc:</td>
<td>10–14 kA fully rated</td>
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<tr>
<td>Branch circuit breaker</td>
<td>15–100 A</td>
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<tr>
<td>Branch breaker connector</td>
<td>140 A</td>
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<tr>
<td>Branch circuit breaker types</td>
<td>GB, GHB, GHBGFEP, GBHS, HGBH, GO, GHO,</td>
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<td></td>
<td>GHQRS and GHQRSB</td>
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<td><strong>Pow-R-Line 3e ratings</strong></td>
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<tr>
<td>Voltage</td>
<td>240 Vac, 480Y/277 Vac or 480 Vac and 250 Vdc maximum</td>
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<tr>
<td>Main breaker</td>
<td>125–400 A</td>
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<tr>
<td>Main lug</td>
<td>100–400 A</td>
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<tr>
<td>Maximum kAIC</td>
<td>240 Vac:</td>
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<td>480Y/277 Vac or 480 Vac:</td>
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<td>250 Vdc:</td>
<td>10–42 kA fully rated</td>
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<td>Branch circuit breaker</td>
<td>15–125 A</td>
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<td>Branch breaker connector</td>
<td>140 A</td>
</tr>
<tr>
<td>Branch circuit breaker types</td>
<td>EGB, EGS, and EGH</td>
</tr>
</tbody>
</table>

600 A is available without main metering.
For an unparalleled commitment to your specific needs, please visit your local Satellite facility.

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96 Stemmers Lane
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For more information, visit Eaton.com/panelboards

Eaton Pow-R-Line Xpert panelboards and switchboards are built to your requirements at our world-class manufacturing plants in Sumter, SC and Juarez, MX. In addition, Eaton has 16 regional Satellite facilities located across the country to meet your panelboard and switchboard service needs.