PWRVANCE™

INNOVATION BY MILBANK

Power Distribution Solutions

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PWRvance is driving the future of power distribution with a bold vision and a trusted legacy, backed by Milbank Manufacturing. As an industry leader in metering equipment, enclosures, and enclosed controls for over 95 years—PWRvance combines the proven expertise of Milbank with forward-thinking innovation. As the electrical industry evolves, PWRvance stays ahead by focusing on high-amperage power distribution solutions that meet the growing demands of power distribution. Guided by Milbank's history of adaptability and excellence, PWRvance is strategically positioned to lead the charge in building a smarter, stronger infrastructure for the future.

Learn more at www.pwrvance.com.

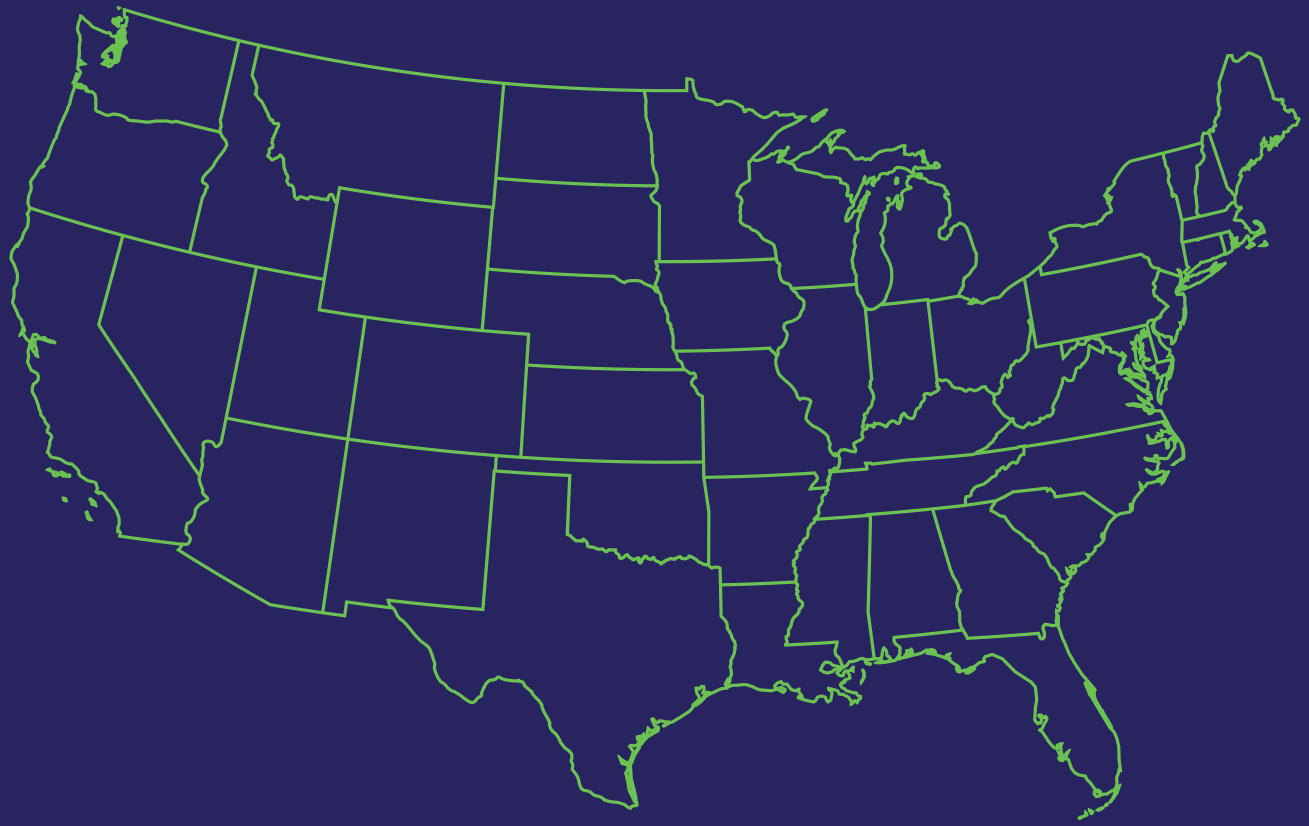
THE PWRVANCE ADVANTAGE

PWRvance is positioned to streamline approvals and accelerate timelines by leveraging Milbank's extensive utility relationships and knowledge base. This allows us to manufacture our high-amperage power distribution cabinets with lead times of just 8–12 weeks—far ahead of the industry's 30–40 week average. PWRvance also has the unique ability to feature integrated metering in our designs, along with a smaller footprint and unmatched flexibility. Designed with the agility of a panel shop but the capabilities of much larger competitors, PWRvance delivers smarter, faster, and more scalable power solutions.

NATIONWIDE UTILITY APPROVAL

High-amperage power distribution cabinets by PWRvance are already approved nationwide by many utilities. This includes investor-owned utilities, municipalities and rural cooperatives, each with their own unique standards and specifications. Backed by Milbank's decades of expertise in navigating utility requirements, we've developed a deep understanding of what it takes to ensure compliance at every level. The utility approval footprint not only builds trust - it clears the path for faster deployment, fewer delays and solutions that are ready to go to power your project, your way.

Coast to Coast Utility Approvals



COAST TO COAST

Milbank metering products have been adopted by the vast majority of utilities. PWRvance leverages Milbank's extensive network of utility relationships and approvals. Please confirm specific product approvals with your local utility provider prior to installation.

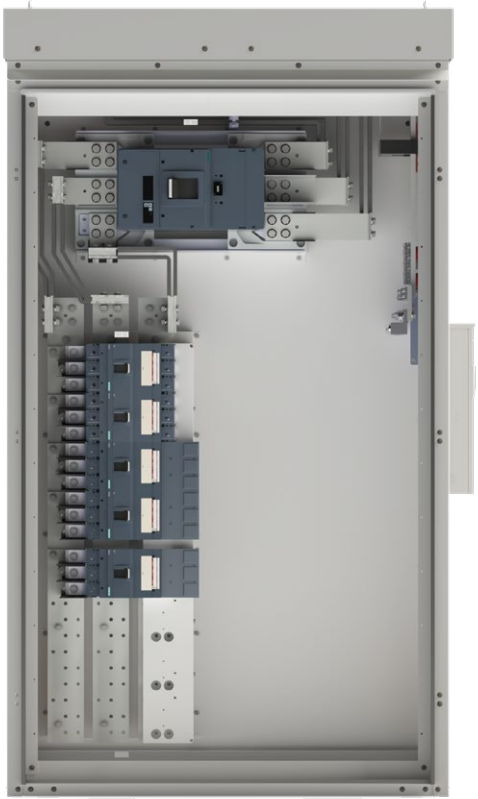

389 PASEO DE LA PLAYA EV


EXIT

PWRvance Solutions

- FlexPWR Series PVA
- FlexPWR Series PVB
- Metered
- Unmetered
- EUSERC Compliant
- FlexPWR Dual Voltage
- Cold-Sequenced
- Self-Contained

PVA Cabinets



Why PVA?

PVA is one of our most cutting-edge power distribution solutions, engineered for demanding applications. With a capacity of up to 3000 Amps and a versatile voltage range (208V, 480V, and up to 600V), this modular system is ideal for Level 3 charging, fleet charging, and extensive Level 2 installations. Designed with the future in mind, the panel features a bussed configuration, integrated metering via Milbank products and a CT-rated cabinet.

Features

- **Field-Serviceable**
  Additional breakers can be installed in the field.
- **Adjustable Branch Breakers**
  Available in 480V and 208V up to 600V.
- **Modular Design**
  Expandable, up to six doors.
- **CT-Rated with Integrated Metering**
  Integrated with Milbank metering technology.
- **NEMA 3R Enclosure**
  Provides protection againts the elements.

PVB Cabinets

Why PVB?

The PVB offers up to 1200 Amps of robust power in a compact, modular design engineered for modern applications. This CT-rated cabinet is field-serviceable and features a bussed panel with integrated Milbank metering, ensuring precise power monitoring. With expandable door options and adjustable branch breakers ranging from 15 to 800 Amps, it is versatile for 480/208 V systems up to 600 V, and supports an internal transformer of up to 150kVA. Ideal for Level 2 and fleet charging, this NEMA 3R solution exemplifies industry-leading innovation and reliability.

Features

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  Additional breakers can be installed in the field.
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- **CT-Rated with Integrated Metering**
  Integrated with Milbank metering technology.
- **NEMA 3R Enclosure**
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Metered Cabinets

Why metered?

Our metered cabinets are tapping into nearly a century of industry-leading expertise. With built-in CT-rated meter sockets and options for bar-type or window-type CTs, our solution eliminates the need for a separate CT cabinet and socket—saving space and simplifying installation. Designed with provisions for PT/VT and built using Milbank's trusted technology behind 15,000+ meter socket SKUs, this cabinet delivers precision, efficiency and reliability backed by decades of innovation.

Unmetered Cabinets

Why unmetered?

For applications that don’t require on-site power monitoring, we also offer unmetered cabinet options. These configurations provide the same high-quality construction, flexibility and performance as our metered versions—just without the integrated meter. Ideal for installations where metering is handled upstream or not needed, our unmetered cabinets maintain a compact footprint, field-serviceable design and support for adjustable branch breakers. Whether you need metered or unmetered, we deliver tailored solutions built for power, durability and ease of installation.

EUSERC Compliant Cabinets

EUSERC Drawing Numbers

PVA CABINETS

- **EUSERC 322:** Instrument transformer compartment (1001A – 3000A).
- **EUSERC 325:** Switchboard service section with instrument- transformer compartment.
- **EUSERC 330:** Removable bus links and CT Support with 4" bus.
- **EUSERC 332 and 333:** 15" hinged meter panel and dual meter panel.
- **EUSERC 345:** Underground service termination standard.
- **EUSERC 347:** Underground service terminating facilities in pull boxes/pull sections.
- **EUSERC 354:** Outdoor/raintight enclosures for switchboards.

PVB CABINETS

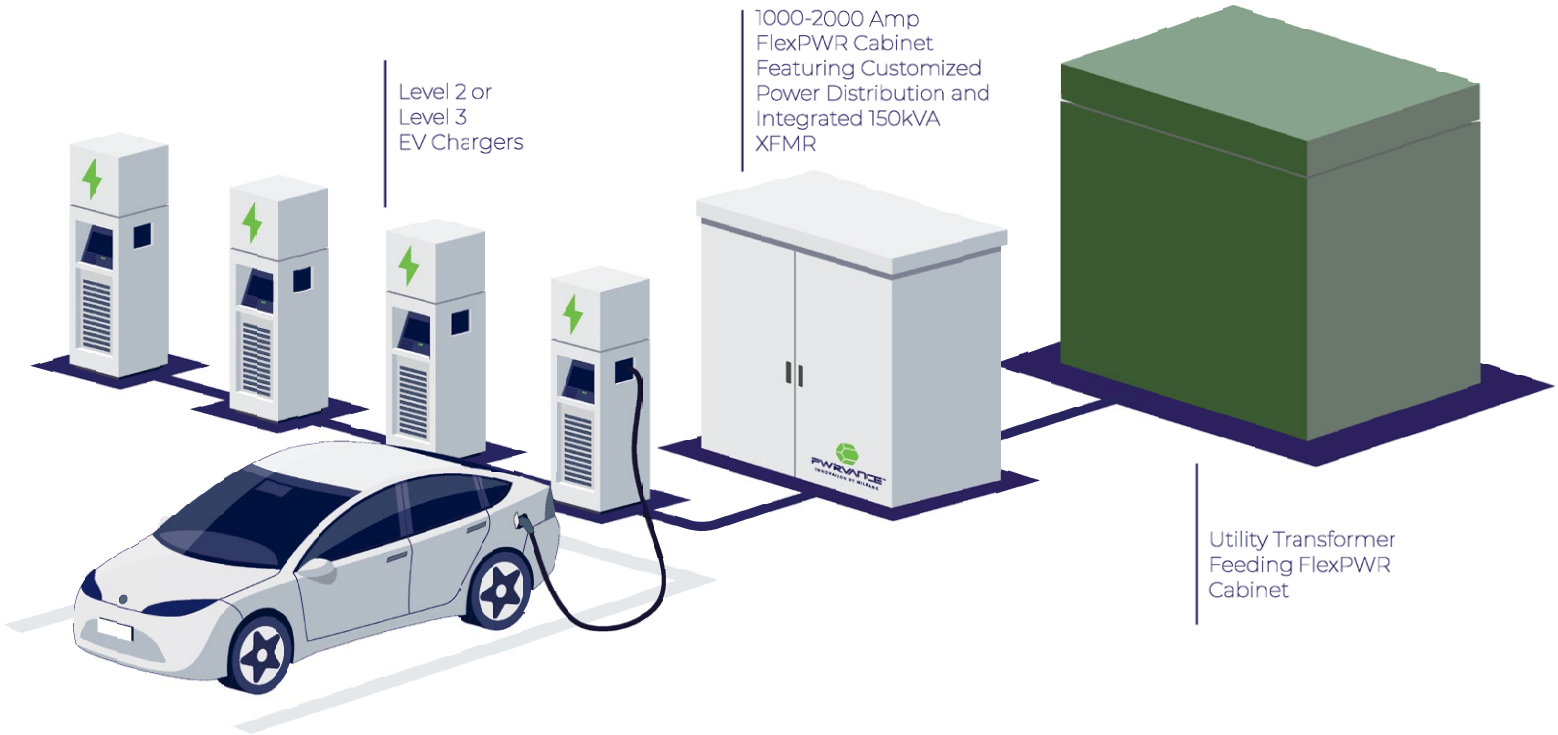
- **EUSERC 310:** Enclosed industrial meter control panel (400A-800A).
- **EUSERC 328A/328B/329A/329B:** Current transformer mounting bases for single-phase/three-phase/mechanical lug/studded terminations applications.
- **EUSERC 339:** Safety sockets for instrument rated metering.
- **EUSERC 345:** Underground service termination standard.

FlexPWR Options

Dual Voltage

Features

- Electric Utility Service Equipment Requirements Committee (EUSERC) compliant
- 1000-3000 Amps
- Modular design
- Ability to add additional compartments
- Up to 150kVA
- All-in-one design alleviates conduit and need for three separate cabinets
- Smaller overall
- Distribution sections for both 480V and 208V


Level 2 or
Level 3
EV Chargers
1000-2000 Amp
FlexPWR Cabinet
Featuring Customized
Power Distribution and
Integrated 150kVA
XFMR
Utility Transformer
Feeding FlexPWR
Cabinet

Cold Sequenced Cabinets

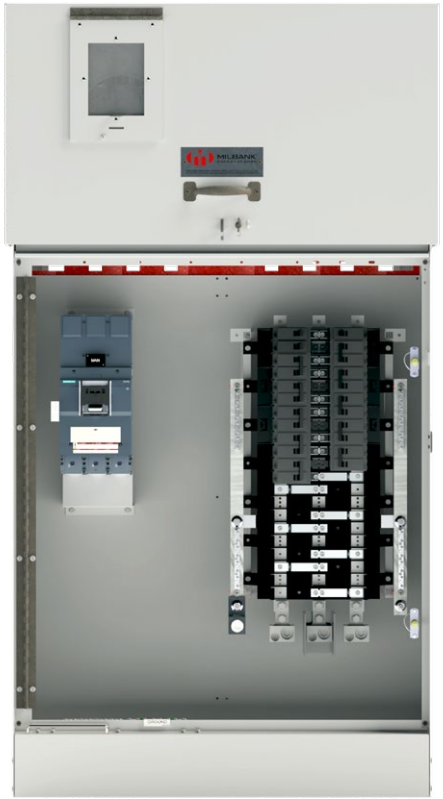
Why cold sequenced?

Our cold sequenced cabinets are engineered to meet specific utility requirements with a fully integrated, all-in-one design—no exterior disconnects or added conduit needed. Delivering up to 2000 Amps, these CT-rated cabinets feature integrated Milbank metering for precise monitoring, all within a compact, modular footprint. With field-serviceable components, expandable doors and the ability to install additional breakers in the field, these cabinets offer unmatched flexibility. Ideal for high-demand applications, they simplify installation while ensuring safe, reliable power distribution in a NEMA 3R enclosure.

Features

- **All-in-One**
  No exterior disconnects to eliminate conduit.
- **Field-Serviceable**
  Additional breakers can be installed in the field.
- **Smaller Footprint**
  Designed to be ideal when space is at a premium.
- **NEMA 3R Enclosure**
  Provides protection againts the elements.
- **Integrated Metering**
  CT-rated with Milbank metering products.

Self Contained Cabinets



Why self contained?

Our self-contained cabinets (400 Amps and below) offer a streamlined, all-in-one solution for EV charging, renewable energy, general power distribution and custom applications. Designed to replace bulky strut and backboard systems, these cabinets deliver a clean, cost-effective and visually appealing alternative. Each unit includes everything needed for safe, weather-resistant service at remote sites, simplifying installation without compromising performance. Built for flexibility and durability, our self-contained cabinets are the smart choice for powering modern infrastructure with efficiency and confidence.

Features

- **Metered or Unmetered**
  With Milbank metering products.
- **Enhanced Safety**
  Padlockable, isolated utility compartments.
- **Added Protection**
  GFCI convenience receptacle for added protection.
- **Extra Security**
  Lockable recessed door for added security.
- **Durable Exterior**
  Galvanized steel, aluminum or stainless steel options.

Enclosures

Standard Design Features

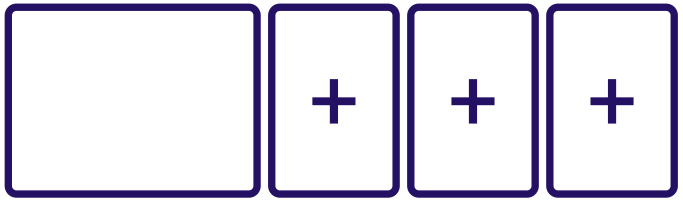
Features

- Designed for ease of manufacturing, modularity and quality
- Powder coated aluminum exterior
- Listed under UL 508A
- NEMA 3R: Tested using UL 50E rain test
- 3-Point Latching
- Convertible hinge design for field modifications
- Ventilating louvres and soffits
- Bottom-entry and exit
- Barriers separating utility and customer sections
- Lift-off deadfronts
- Semi-modular, expandable design

Expandable Design

Modular Design in Action

To see a video on how our modular design cabinets can expand to fit your needs, scan the QR code.



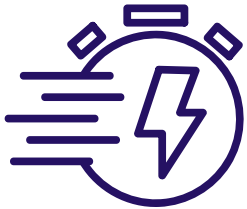
Designed to fit every project, our FlexPWR cabinets are expandable up to 6 bays.

With modular, field-serviceable designs and expandable bays, our cabinets are engineered for long-term scalability. The PVA delivers up to 3000 Amps across a versatile voltage range (208V–600V), making it ideal for Level 3 and fleet EV charging. The compact PVB offers up to 1200 Amps and supports internal transformers up to 150kVA. Both systems feature bussed panels, integrated Milbank metering, and EUSERC-compliant, all-in-one designs that reduce the need for multiple enclosures.

Level 2 and Level 3 Charging

Level 2 Charging

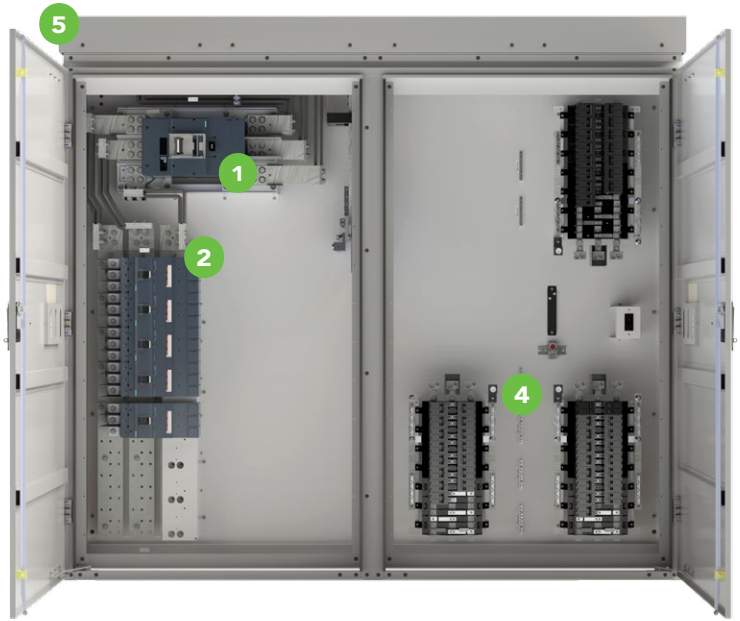
PWRvance delivers scalable power distribution solutions designed to support the growing demand for Level 2 EV charging. With new parking lot requirements mandating a percentage of EV-ready spots, the need for flexible, reliable infrastructure is only increasing. This growth will also continue with the expansion of nationwide programs from hotel chains, schools, universities and multi-family developers. Our high-amperage cabinets are ideal for fleet charging and adaptable enough for a wide range of commercial applications, making it easy to meet today's requirements while preparing for tomorrow's growth.



Level 3 Charging

PWRvance supports high-powered Level 3 EV charging with robust power distribution solutions built for performance and flexibility. Our customizable 24-space PWRpanel accommodates 3VA breakers up to 1000 Amps, paired with a 1200–2000A adjustable trip main breaker rated at 65kAIC. Designed with a bottom-entry and exit layout for cleaner installs, each unit includes an EUSERC-compliant Milbank metering and termination compartment. With options like custom paint colors and tailored distribution setups, PWRvance delivers utility-ready solutions built to match your site and your specs.

Engineered for modern EV infrastructure, our power distribution solution supports both Level 2 and Level 3 charging in a single, all-in-one cabinet. Featuring a 1200 Amps –2000 Amps adjustable trip main breaker with ground fault protection and arc flash reduction, it's built for safety and flexibility. The 24-space customizable PWRpanel accommodates 3VA breakers from 15A to 1000 Amps and supports a modular design for expanded distribution and subpanels. Dual voltage capability streamlines installations at combo charging sites, while nationwide utility approvals and reduced labor costs make site commissioning faster and more efficient.



Features

1. 1200-2000A adjustable trip-main breaker with ground fault protection and arc flash reduction.
2. 24-space customizable PWRpanel: Accommodates 3VA breakers from 15A up to 1000A.
3. Modular design: allows for additional distribution and subpanels.
4. Dual voltage setup allows for all-in-one cabinet for combo Level 2 and Level 3 EV charging sites.
5. Approved in utilities nationwise for easier site commissioning.
6. Reduced labor costs for site installations.

Applications

EV-Charging & Renewable Energy

General Power Distribution

Custom Power Distribution

Our high-amperage power distribution cabinets are built to handle demanding applications with ease and flexibility. Designed for up to 3000 Amps, these cabinets are ideal for EV charging infrastructure, renewable energy systems, general power distribution and fully custom configurations. With modular, field-serviceable designs, integrated metering and options for internal transformers, they offer powerful performance in a compact footprint. Whether you're energizing a fleet, supporting solar installations or building a tailored power solution, our cabinets deliver reliable, future-ready distribution backed by nearly a century of proven Milbank innovation.

CONTACT US

To learn more about PWRvance and our high amperage power distribution solutions, contact us today at sales@pwrvance.com.

MILBANK ENERGY AT WORK | PWRVANCE INNOVATION BY MILBANK

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