Product Overview

Powering Infrastructure. Delivering Confidence.

PCEP

A VOLTARIS Company

At Pioneer CEP...

We engineer and manufacture advanced power distribution and switchgear solutions for critical facilities, utilities, and infrastructure across North America.

- Headquartered in Santa Fe Springs, CA
- 80,000 sq. ft. vertically integrated manufacturing facility
- OEM of low and medium voltage switchgear and custom power systems
- Full-service electrical and mechanical engineering teams
- Complete in-house manufacturing: sheet metal, welding, wiring, and testing

Why PCEP?

- **Custom-engineered systems** built to spec and built to last
- **Fast, flexible** lead times from a vertically integrated U.S. facility
- **Expert design and support** from in-house engineering teams
- Proven performance across **EV, utility, microgrid, and industrial sectors**
- **Part of Voltaris**—a unified brand powering tomorrow's grid

Product Overview

Low Voltage Equipment

Built to Perform. Designed to Adapt.

- **UL 891 Switchboards** – 250 to 6000 AMP
- **UL 1558 Low Voltage Switchgear**
- **UL 1008 Automatic Transfer Switches** (ATS)
- Generator-ready, microgrid-friendly
- Standard and custom configurations

Packaged Substations

Engineered for Flexibility

- Skid-mounted, unitized, or modular designs
- MV Primary Gear up to 38kV
- Integrated transformers & secondary distribution
- Utility metering available
- Fully customized for each application

Integrated Power Centers

End-to-End Power Inside One Building

- Up to 60'L x 20'W x 17'H
- Fully integrated systems:
- MV & LV switchgear
- MCCs, UPS, control panels, bus ducts
- Battery systems
- Designed, built & PE-stamped for your environment
- HVAC, pressurization, and explosion-proof options available

Medium Voltage Switchgear

Protected Power

- Voltage Range: 5kV–38kV
- Metal-Clad & Metal-Enclosed Options
- Fixed & Draw-Out Designs
- Paralleling Capabilities
- UL-Labeled (5kV & 15kV)
- Engineered for coordination, monitoring & control

Standard Features:

- Ampacities: 200A & 600A
- Silver-plated copper bus
- NEMA 1 or 3R enclosures
- ANSI 61 or 70 powder-coated finish
- Mechanical fuse door interlocks
- Rear access covers
- 2-Year Warranty

Available Options:

Key interlocks, Surge arresters, Utility metering, Inverted or duplex configurations, Potheads & bushings, Heaters & thermostats, Cable terminators, More options upon request.

Product Overview

E-Bloc Power Systems

Smarter, Scalable Power.

Applications:

- EV Charging Infrastructure (Level 2 & 3)
- Microgrids & Solar
- Distributed Generation & CHP
- Utility Paralleling

E-Bloc™ Charge Ready Series

- EV charging made simple.
- 480V main & distribution for Level 3
- Integrated transformer & 208/120V distribution for Level 2
- ABB UL-listed components
- Fast lead times, expandable designs
- Pre-engineered and utility-ready

Why E-Bloc?

- Offsets rising peak utility charges
- Simplifies retrofits in legacy infrastructure
- Increases resilience for critical loads
- Supports ESG, Net Zero & decarbonization targets