

LOW VOLTAGE SWITCHBOARDS

**Made in USA low-voltage
switchboards for service entrance
and power distribution**

OMEX low-voltage switchboards provide centralized service entrance, metering, protection, and feeder distribution for commercial, industrial, institutional, data center, EV charging, and infrastructure projects. Each lineup is configured to the project one-line diagram with flexible main-device, bus, metering, distribution, enclosure, and accessibility options.



Up to
6000 A
Project-Specific
Configurations

Common systems
120/240 V 103 W
208Y/120 V 304 W
480Y/277 V 304 W

Listed
UL 891

Enclosures
**NEMA 1 Indoor/
NEMA 3R Outdoor**



Service Entrance & Distribution

Metering, protection and feeder distribution in one integrated lineup.



Front / Rear Accessibility

Flexible configurations for easy installation and maintenance.



Custom Bus & Device Options

Aluminum or copper bus with a wide range of main and feeder options



Engineering Support Included

Application engineering to match your project requirements.

Key Benefits

- ✓ Configured to project one-line diagrams
- ✓ Main lug only, main breaker, or fusible main options
- ✓ Utility pull, CT cabinet, metering, and distribution sections
- ✓ Aluminum or copper bus, 65°C rated
- ✓ Built for dependable service entrance and distribution applications

Standards & Compliance



**UL
Available**



**EUSERC
Compliant**



**NEMA 1/
NEMA 3R**



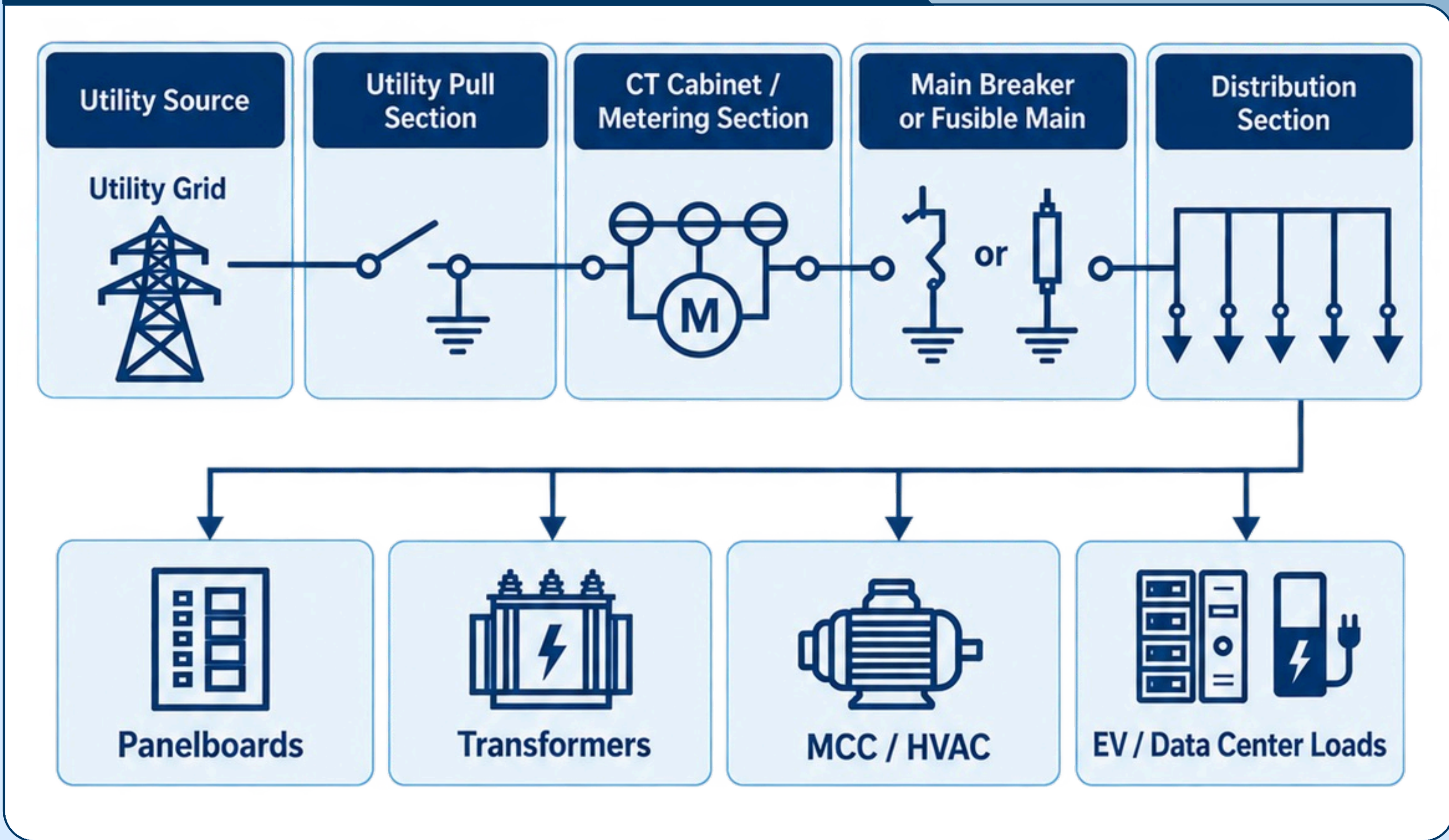
**Project-
specific
engineering**



Specifications

Ampere Range	400 – 6,000 A (final range subject to approved project configuration)
Systems	120/240 V 103W; 208Y/120 V 304W; 480Y/277 V 304W
Frequency	60 Hz
Bus Material	Aluminum or copper, 65°C rated
Bus Configuration	Non-tapered standard; project-specific configurations by engineering review
Bus Bracing / Assembly SCCR	65 kA or 100 kA, subject to design and available fault current
Breaker / Fuse Interrupting Rating	35, 65, 85, or 100 KAIC, by device and system voltage
Main Device	Main lug only, main circuit breaker, or fusible main
Feed / Section Position	Top or bottom feed; incoming section left or right
Enclosure	NEMA 1 indoor or NEMA 3R outdoor
Protection Functions	LI, LSI, LSIG, and arc-energy reduction options where supported by the selected breaker
Standards	UL 891 listed configuration and NEC-compliant installation requirements confirmed on final submittal and equipment labels

Typical One-Line Diagram



Applications

Commercial Buildings

Industrial Facilities

Data Centers

Healthcare & Institutional

EV Charging Infrastructure

Utility-Support & Infrastructure

Available Accessories

Metering / Protection

- ✓ Utility pull section and CT cabinet
- ✓ Utility or digital metering provisions
- ✓ Surge protective device
- ✓ Ground-fault protection
- ✓ LSI, LSIG, and arc-energy reduction features

Construction / Controls

- ✓ Top- or bottom-feed service
- ✓ Front-access or front/rear-access arrangement
- ✓ Space heaters, lights, and receptacles
- ✓ Key interlocks, barriers, and custom labels
- ✓ Spare spaces, communications, and monitoring provisions

Project Support/Documentation



- ✓ Factory-assembled, inspected, and tested for the approved project configuration
- ✓ Single-line diagrams and submittal packages available
- ✓ Build A Switchboard Quote / Talk To Engineering



Explore OMEX Transformers

Scan the QR code to learn more about our complete transformer portfolio.

**Typical capabilities shown. Final ratings and features are subject to the approved project submittal.*

For the Ones // Powering America