

ENPOWER

METAL ENCLOSED 25kV DEAD FRONT SWITCHGEAR



BC HYDRO APPROVED

12.5kV & 25kV CONNECTION

HIGHLY CONFIGURABLE

FITS ANY APPLICATION

UNITIZED SUBSTATION

LOWER INSTALL
TIME & COST

AIR-INSULATED DESIGN

HASSLE-FREE
MAINTENANCE

ADAPTABLE DESIGN

EnPOWER is a metal-enclosed, 25kV dead front switchgear solution designed for residential, commercial, and light industrial applications.

- Type-tested by Powertech Laboratories
- Integrated transformer and LV distribution
- Multiple bus-connected configurations

TECHNICAL SPECIFICATIONS

- **Primary Voltage:** Up to 25kV
- **Primary Current:** Up to 1200A
- **BIL:** 125kV
- **Short Circuit & Interrupting Capacity:** 12kA
- **Enclosure:** Indoor sprinkler-proof & outdoor rated tamper-proof (CSA Type 3R)
- **Standard Colour:** Grey (custom colours available upon request)

CONFIGURATIONS

- Utility cable incoming
- Load break switch & fuse
- Isolation switch & breaker
- Draw-out breaker
- Utility revenue metering
- Transition section
- Transformer connection
- Cable exit

SAFETY & PROTECTION

- Digital protection relay with ANSI and IEC curves
- 15.3kV MCOV surge arresters (other voltages upon request)
- Key interlocking between switching devices and access compartments

STANDARDS COMPLIANCE

- CSA C22.2 No. 31
- IEEE C37.20.3, IEEE C37.6, IEEE C37.20.4

ACCESSORY PACKAGE

- UV resistant warning labels
- Removable lifting lugs
- Plated continuous ground bus throughout
- Seismic-rated anchorage

CUSTOMIZABLE OPTIONS

- Complete unitized substation package with transformer and LV distribution (bus connected)
- Thermographic inspection (IR) windows
- SEL or customer-specified protection relays
- UPS Power Supply
- Shunt trip and auxiliary contacts
- Remote and time-delayed operation
- In-rush mitigation
- Single-phase protection
- Plated copper or aluminum bus
- Custom flanges and gland plates for connections
- Customer-specific metering (Accuvim, Schneider PowerLogic, SEL, or customer request)

GENERAL INQUIRIES

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TECHNICAL QUESTIONS

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