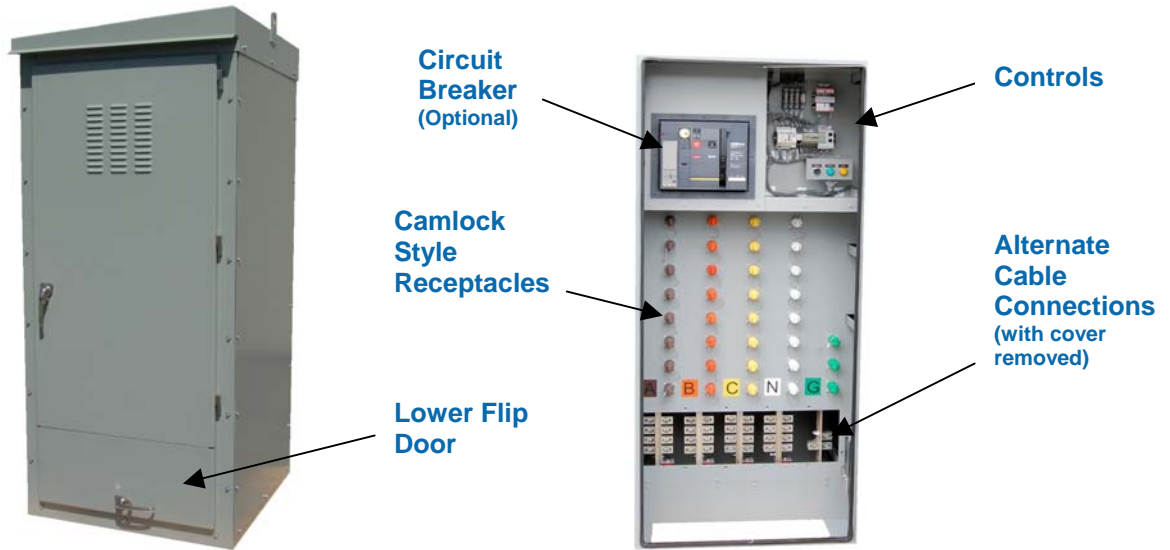


Are your facilities ready for unplanned Power Outages?

Our Mobile Generator Connection Switchboard will prepare your facility for the unexpected.



Mobile Generator Connection Switchboard

The APT Mobile Generator Connection Switchboard is designed to allow quick and safe connection of a mobile generator set to facilities experiencing loss of power. The switchboard is rated Type 3R for outdoor installation. Permanent installation and connection of the switchboard to the facility power distribution system will minimize any unplanned power outages. The primary components of the Connection Switchboard are the Camlock style receptacles, the Square D Masterpact NW circuit breaker with Kirk Key for site interlocking.

- **UL® 891 Listed**
- **Rating: 480V, 800 – 3000A, 65kAIC.**
- **Color coded, male Camlok® compatible receptacles with cover.**
 - A phase - Brown
 - B phase - Orange
 - C phase - Yellow
 - Neutral – White
 - Ground – Green
- **Fixed mounted, low voltage, insulated case circuit breaker, UL 489 listed, with integral Kirk Key. (Square D Masterpact NW shown)**
- **Circuit Breaker Features**
 - Electronic trip unit with Long time, Short time and Instantaneous functions standard.
 - Integral Kirk Key mechanism for interlocking with normal source.
 - 120VAC shunt trip. Prevents the circuit breaker from closing if phase rotation is incorrect. Trips the circuit breaker on ground fault when configured to trip on ground fault.
- **Standard Circuit Breaker Sizes:**
 - 500kW Switchboard – 800 Amp – P/N: APN1411
 - 1000kW Switchboard – 1600 Amp – P/N: APN1412
 - 2000kW Switchboard – 3000 Amp – P/N: APN1413
- **Phase Rotation monitoring,**
 - Insures mobile generator set phase rotation matches that of facility.
 - Provides visual assurance of correct phasing.
 - Prevents circuit breaker from being closed if phase rotation is incorrect.
 - Instructions to easily fix incorrect phase rotation are located inside each panel.
- **Ground Fault monitoring,**
 - Can be easily set to trip the circuit breaker on ground fault or provide alarm indication only.
 - Configured at the factory per your order. Can easily be reconfigured on site.
- **Type 3R for outdoor use (as shown)**
 - Available in Carbon steel with galvanized base, Type 304 stainless steel, or Type 5052 Aluminum.
 - Stainless steel hardware
 - Padlockable door handles
 - Door includes an integral lower flip door. This allows the main door to be closed with the mobile generator cables connected.
 - Anti-condensation heaters with thermostat/humidistat.
 - Requires 120V site power.
- **Alternate busbar connections are provided with mechanical lugs, in the event a mobile genset is used that does not have cables with Camlok plugs. (All busbar to be silver plated copper)**

Contact factory for alternate or custom configurations such as: Dual circuit breakers. No circuit breakers. Different voltage or current ratings. (up to 4000A, 600V) Integration into switchgear lineup. (paralleling or distribution) and much more.

Mobile Generator Tapbox

The APT Mobile Generator Tapbox (tapbox) is designed to allow quick and safe connection of a mobile generator set to facilities experiencing loss of power. The tapbox is rated Type 3R for outdoor installation. Permanent installation and connection of the tapbox to the facility power distribution system on your schedule will minimize an unplanned power outage on nature's or "Murphy's" schedule.



Standard Tapbox Features

- UL 891 Listed
- Rating: 480V, 800 – 3000A, 480V, 65kAIC.
- Color coded, male Cam-Lok® E-1016 compatible single pole receptacles with cover.
 - A phase – Brown
 - B phase – Orange
 - C phase – Yellow
 - Neutral – White
 - Ground – Green
- Busbar connections with NEMA standard hole pattern and mechanical lugs are available in the event a mobile genset is used that does not have cables with Cam-Lok® E-1016 compatible plugs.
- Silver plated copper bus.
- Fixed mounted low voltage insulated case circuit breaker, UL 489 listed.
- Circuit Breaker Sizes
 - 500kW Tapbox – 800 Amp
 - 1000kW Tapbox – 1600 Amp
 - 2000kW Tapbox – 3000 Amp
- Circuit Breaker Features
 - Electronic trip unit with Long time, short time and instantaneous settings.
 - Integral Kirk Key mechanism for interlocking with normal source.
 - 120VAC shunt trip for tripping circuit breaker if phase rotation is incorrect or if ground fault logic is configured for tripping on ground fault
- Ground Fault monitoring
 - Can be easily set to trip the circuit breaker on ground fault or provide alarm indication only.
 - Configured at the factory per your order.
 - Can easily be changed in the field.
- Phase rotation monitoring
 - Insures mobile generator set phase rotation matches that of facility.
 - Provides visual assurance of correct phasing.
 - Prevents circuit breaker from being closed if phase rotation is incorrect.
 - Instructions to easily fix incorrect phase rotation are on a label inside each panel.
- Enclosure Features
 - Type 3R enclosure for outdoor installation.
 - Three types of enclosures are available:
 - Carbon steel with galvanized base.
 - Type 304 stainless steel.
 - Type 5052 aluminum.
 - All enclosure types are powder coated ANSI 61 gray.
 - All hardware will be stainless steel.
 - Door handles will be padlockable using customer provided padlock.
 - Door will include an integral lower flip door. This will allow the main door to be closed with the mobile generator cables connected.
 - Anti-condensation heaters with thermostat/humidistat.
 - Requires 120V site power.
- Options
 - Call APT factory to discuss any site specific requirements you may have.
 - Main service circuit breaker
 - Distribution switchboards
 - Load shed contacts
 - ATS

Mobile Generator Tapbox List Pricing

Tapbox Size	Part Number	Carbon Steel (CS)	Aluminum (AL)	Stainless Steel (SS)
500kW	APN1411	\$15,763	\$16,963	\$19,686
1MW	APN1412	\$17,947	\$19,224	\$21,946
2MW	APN1413	\$26,501	\$27,986	\$30,706

Prices valid on orders placed through December, 2011. Contact APT for current pricing after this date.