

A Complete Range of High Quality, Safe Connection Units for Temporary Power Hook-Ups

APPLICATIONS

Entertainment and other venues requiring temporary power, such as: Theaters and auditoriums, convention centers, arenas, stadiums, studios, exhibition halls, theme parks, community centers, hotels and casinos

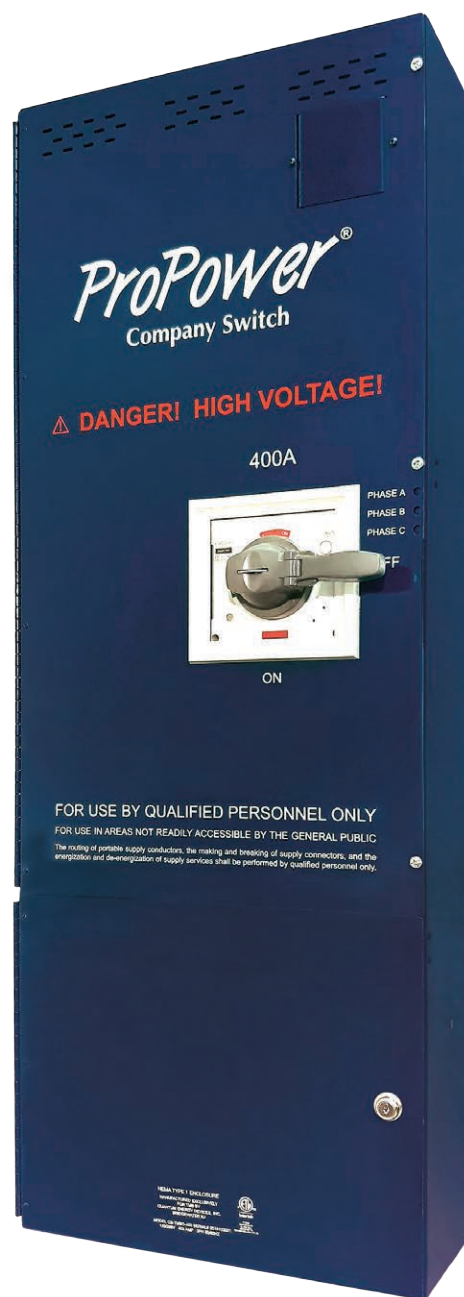
Highest quality components and construction

Numerous useful options offered

Proven ProPower performance

Power hookups you can trust!

- 100% Rated 100, 200, 400, or 600 amp breakers, 65,000 amp interrupt rating
- 65k SCCR symmetric rating with optional current limiting fuses
- Lockout/Tagout breaker handle standard
- Locking connection chamber with safety interlock
- All covers interlocked to breaker
- Top, side, or rear feed
- LED phase indicators on most models
- Field adaptable to isolated ground
- Dual neutral connections for 200% rated neutral
- Both Cam and Class K rated lug outputs standard
- 3-Phase digital power metering available



FEATURES

GENERAL

- Interlocked connection compartment: Protects against access to output connections while the cabinet is energized
- Double Neutral: Supports 200% rated neutral
- Shunt trip safety interlock
- SCCR: Provides 65,000A symmetrical Short Circuit Current Rating with optional fault-current-limiting fuses
- Iso Ground: Allows field configuration of isolation between enclosure ground and equipment ground
- Output Connections: Accommodates single-pole cam-style connectors and up to 350kcmil class K cables using 500kcmil screw terminal
- Power Indicators: LEDs light up to show that power is on/available between each phase and neutral on 208/120v Models
- Lockout/Tagout: Accepts third-party locks on built-in bracket for support of NFPA 70E safety lockout/tagout procedures
- cETLus Listed
- Meets/exceeds all applicable NEC standards

MECHANICAL

- Wall-mount unit with integral keyhole fixing points
- 16-gauge .060" steel cabinet, rated NEMA 1
- Swing hinged door with key lock
- Smooth powder coat finish
- Conduit entry via top rear or side
- Solid, top and side panel free of conduit knockouts to allow for greater flexibility in contractor conduit entry
- Integral breaker lockout bracket supports standard lockout/tagout procedures to prevent any persons from energizing the breaker while the lock is in place

ELECTRICAL

- Power input: 120/208V – Three-phase, four-wire plus ground
- Compatible with copper and aluminum feed wires
- 65,000 AIC 100% rated 100A, 200A, 400A, or 600A breaker
- 10,000A SCCR symmetrical rated system, or 65,000A SCCR with optional fault-current-limiting fuses
- Optional fault-current-limiting fuses reduce available let-thru current to connected portable equipment
- Reverse neutral and ground cam-style connector configuration as standard
- Current transformers can optionally be installed at the factory for connection to internal power meters
- Safety interlock disconnects output power when the cabinet door is opened

Model	Current Rating	Voltage Rating	Wire Specification		
			Phase Terminals	Neutral Terminals	Ground Terminal
PPRCS100L	100 Amp	208Y/120 VAC	1/0 AWG-300 MCM CU 3/0-350 MCM AL	4 AWG-500 MCM	6 AWG-350 MCM
PPRCS200L	200 Amp	208Y/120 VAC	1/0 AWG-300 MCM CU 3/0-350 MCM AL	4 AWG-500 MCM	6 AWG-350 MCM
PPRCS400L	400 Amp	208Y/120 VAC	1/0 AWG-600 MCM CU 3/0-750 MCM AL	4 AWG-500 MCM	4 AWG-500 MCM
PPRCS600L	600 Amp	208Y/120 VAC	2/0 AWG-350 MCM Dual wire CU 3/0 AWG-350 MCM Dual Wire or 400-500 MCM compact dual wire AL	#2 AWG-600 MCM Dual wire 4 wires if equipped with double neutral	#4 AWG-500 MCM

OPTIONS

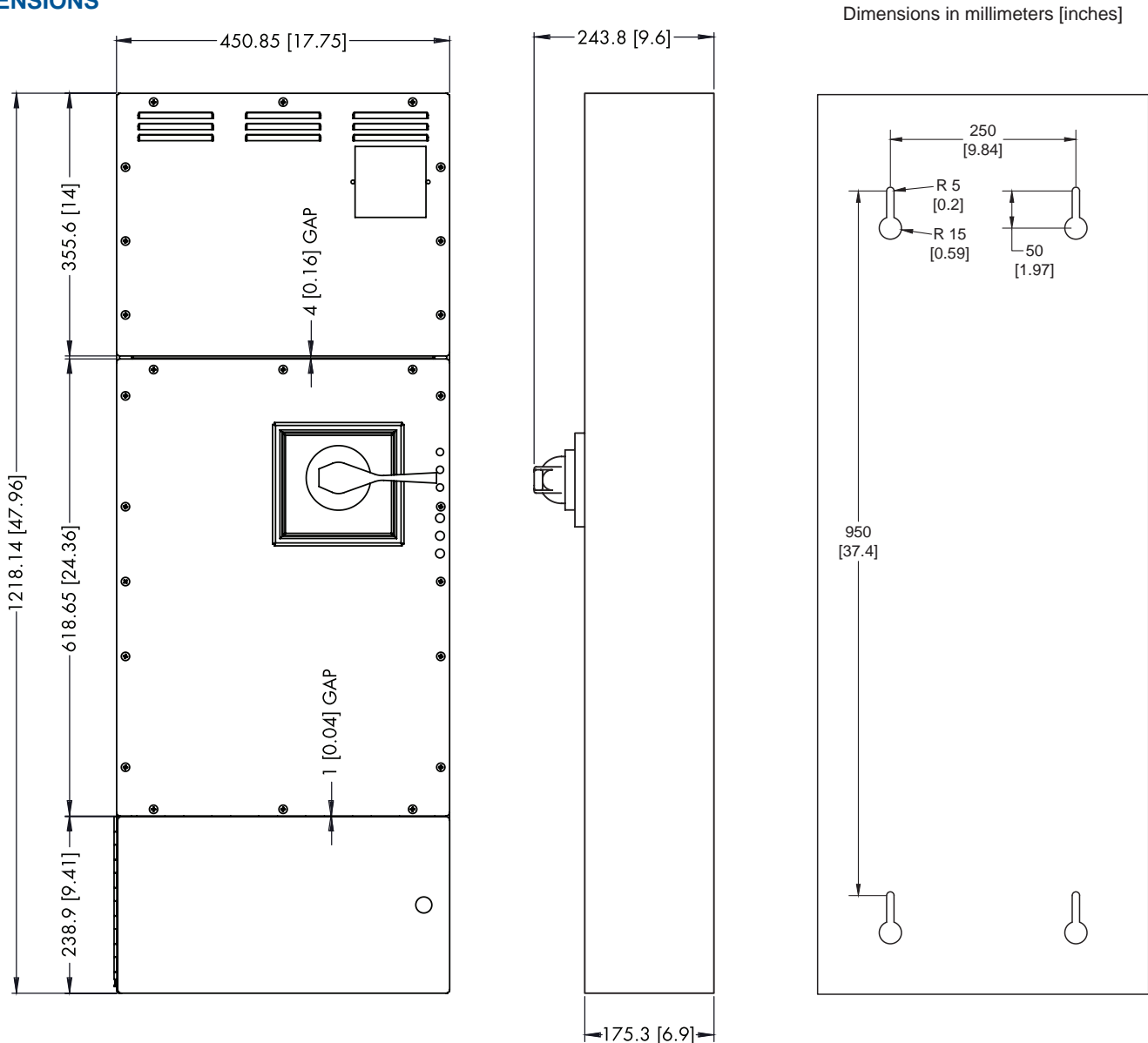
- Fault-Current-Limiting Fuse option
- Metering option
- Custom cam connector configurations.
ProPower Company Switches come standard with reversed (male) neutral and ground cam connectors. Other cam connector configurations are optional with no extra charge, but must be specifically stated when ordering.
- Standard color ProPower blue. Custom enclosure color by special order.

PHYSICAL

Model	Height		Width		Depth		Depth including handle		Unit Weight*		Shipping Weight*	
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kgs	lbs	kgs
PPRCS100L	48	1218	17.75	451	6.9	176	9.25	235	TBA	TBA	TBA	TBA
PPRCS200L	48	1218	17.75	451	6.9	176	9.25	235	TBA	TBA	TBA	TBA
PPRCS400L	48	1218	17.75	451	6.9	176	9.25	235	TBA	TBA	TBA	TBA
PPRCS600L	48	1218	17.75	451	6.9	176	9.25	235	TBA	TBA	TBA	TBA

* Weights are for standard configuration. May change based on custom configurations.

DIMENSIONS



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SPECIFICATION

1. PROPOWER[®] COMPANY SWITCH

1.1 General

- 1.1.1 The Device described herein is a ProPower[®] Company Switch, the purpose of which is to facilitate safe temporary interconnection between portable equipment and a permanently wired power source.
- 1.1.2 The ProPower[®] Company Switch shall provide at a minimum the following power service for output. (Pick one according to the model required.)
 - 1.1.2.1 For 120/208 volt service, there shall be Ampacity sufficient to safely output 100, 200, 400, or 600 Amps, depending on the model. This shall be provided as 3-phase, 5-wire plus ground, and have overcurrent protection accordingly sized. The neutral conductor shall have 200% capacity (double).
 - 1.1.2.2 For 480/277 volt service, there shall be Ampacity sufficient to safely output 100 Amps, 200 Amps or 400 Amps, depending on the model. This shall be provided as 4 wire, with three hot phases and a ground, or as 5-wire with 3 phases of hot and a 200% capacity double neutral, depending on option selected. In either case, overcurrent protection shall be sized according to the model.
- 1.1.3 The ProPower[®] Company Switch shall be cETLus listed and shall meet all applicable NEC standards.
- 1.1.4 The enclosure shall be NEMA 1 rated.

1.2 Mechanical

- 1.2.1 The ProPower[®] Company Switch shall be fabricated of 16 gauge .060" steel and finished in a durable matte microtextured powder coat.
- 1.2.2 The door which provides access to output (load) connections shall be key lockable with shunt trip interlock. Line side wiring shall be accessible through a door, physically interlocked to the operating handle and shunt trip protected. Line Side Shunt trip shall be activated by removing the screw fixing the door closed.
- 1.2.3 Enclosure size shall not exceed 48" high by 17.75" wide and 6.9" deep. Including the rotating breaker handle the depth shall not exceed 9.25".
- 1.2.4 ProPower[®] Company Switch shall protect against access to power connections and interior wiring while the cabinet is energized so it can be guaranteed that output is in a "power off" state while connecting or disconnecting portable output cabling.
- 1.2.5 The ProPower[®] Company Switch shall protect the user from unsecured access to output terminals and connectors in the following method: Front access connector compartment shall protect against access to output connections behind a locked door while the cabinet is energized
- 1.2.6 Conduit entry shall be made via top, side, or rear. Top, side, and rear panels shall be free of conduit knockouts to allow for greater flexibility in contractor conduit entry. Models with optional onboard metering may not be fed from the right side.
- 1.2.7 A method of field isolating ProPower[®] Company Switch chassis ground and connected equipment ground ("ISO ground") shall be supported without installation of additional kits or parts. ProPower[®] Company Switch products that require additional parts to be shipped or factory configuration of "ISO ground" shall not be deemed acceptable.
- 1.2.8 ProPower[®] Company Switch shall accept 3rd party locks on the built-in bracket, for support of NFPA 70E safety lockout/tagout procedures.
- 1.2.9 The ProPower[®] Company Switch shall be capable of mounting on a wall with integral keyhole fixing points.
- 1.2.10 Indicator lights shall be provided which illuminate to show that the unit is energized. For 120/208v Models this shall take the form of LED power indicators on each phase and (if present) the neutral. On 480V systems the indicators shall be neon instead.
- 1.2.11 Output Lugs shall support up to 350kcmil class K cable for bare end tie-in through 500kcmil lugs.

1.3 Electrical

- 1.3.1 ProPower[®] Company Switch shall include CAM style connectors; one for each phase, dual neutral (120/208v models), and ground. Standard order connector genders shall be females for each phase, with male ground and neutral connectors. Other connector gender combinations shall be available by special order.
- 1.3.2 The ProPower[®] Company Switch equipped with neutral connections shall include dual neutral input and output connections for support of 200% rated neutral.
- 1.3.3 The enclosure shall accept copper or aluminum wire to the full nameplate rating of the enclosure.
- 1.3.4 System rating of ProPower[®] Company Switch shall be 10,000 Amps Short Circuit Current Rating (SCCR). ProPower[®] Company Switch shall have a 100% duty rated, 65k Ampere Interrupting Capacity (AIC) breaker.
- 1.3.5 System shall be capable of conversion to an SCCR of 65k AIC, via the installation of an optional current limiting fuse kit.

1.4 Available Accessories

- 1.4.1 An option shall be provided for factory-installed current transformers around bus conductors for connection to an internal power meter. Meter shall provide full power metering to include voltage L-N, L-L, Current, Frequency and run time.
- 1.4.2 An option shall be available for current-limiting fuses, to bring symmetric rating of system to 65k AIC.