

# Dual-Feed Rear Output Circuit Breaker Panel

Power :: High-Current Circuit Breaker Panel

## Overview

Minimize the need for an additional battery distribution frame by bringing power management closer to network elements with this dual-feed high-current circuit breaker panel. A modular design provides customization, as well as enabling maintenance on single circuits while other output lines are live.

The panel's configurable design is ideal for remote locations requiring comprehensive power management capabilities on one panel. Users can configure the panel with up to 100A breakers, and deploy a high-powered panel (up to 400A total) in just 3 rack units of space. Convenient circuit breakers enable simple installation, replacement and power restoration.

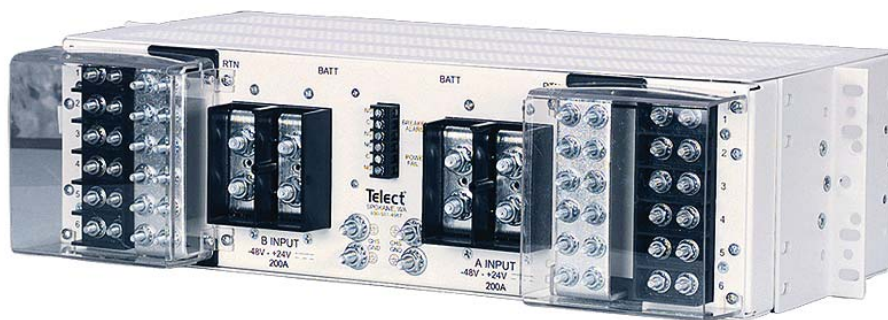
Sides A & B of the panel are totally isolated, providing battery protection and reduced risk of complete power failure. A replaceable alarm card contains power and alarm LEDs for both feeds.

## Primary Benefits

- Flexibility: Easy to install bullet-style breakers (1A to 100A each) make breaker installation and reconfiguration safe and simple
- Robust input connections: Accept secure two-hole compression lugs up to 2/0 AWG
- Large output connections: Two-hole compression lug output terminals accept up to #2 AWG to support large breaker values
- Security: Individual breaker faceplate design makes each breaker individually accessible and provides physical protection of the toggle from inadvertent tripping
- Universal voltage automatically accepts  $\pm 24V$ ,  $-48V$
- Added safety: Covers are included for all input and output power connections

## Applications

- Co-locate
- Demarc
- Secondary distribution
- Small primary distribution (premise, remote)



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## Specifications

### Mechanical

19" W x 4.97" H (3RU) x 7.99" D  
(48.2 cm x 12.36 cm x 20.31 cm)

19 lbs. (8.648 kg); 22 lbs. (10kg) shipping weight without breakers

19" or 23" with EIA or WECO hole spacing brackets provided

Panel comes with brackets in 19" configuration

Output lugs: 2-hole compression lug, #10 stud size on .625" center hole spacing; size up to #6 AWG

Input lugs: 2-hole compression lug, 5/16" stud size on 1" center hole spacing; size up to 4/0 AWG

Ground lugs: 2-hole compression lug, 1/4-20 stud size on 5/8" center hole spacing; size up to #1 AWG

### Electrical

Max. Continuous Input Load Rating: 200 amps per input; sides A & B isolated

Max. Input Interruption Device Rating: 250 amps per input

Max. Continuous Output Load Rating: 100 amps per circuit breaker (6 breaker positions available per side)

Standard Removable Alarm Card:

- Green LEDs indicate power applied to sides A & B
- Red LED indicates any breaker failure
- Form C alarm relay contact for power alarms
- Form C alarm relay contact for breaker failure alarm
- Form C contacts rated to 2A at 30VDC, 0.6A at 60VDC, 1A at 120VAC

Operating Temperature Range:  
from 55° C (131° F) to -10° C (14° F)

Power Dissipation at Full Load: 20 W per side at  
9600 W (200 amps x 48V) per side

Operating Voltages: -20 to -60 VDC, +20 to +30 VDC

Interrupt Device: Airpax LEL or Carling C1 series circuit breaker with bullet terminals; from 1 to 100 amps.

Humidity up to 95%

### Agency Compliance

NEBS Level 3 certified

UL listed

CE Mark

### Warranty

Telect Power Products are covered by a comprehensive 5-year warranty.

### Accessories

Replacement alarm card	400223
Circuit breaker faceplate kit (with-out breaker)	090-0001-0002
Replacement faceplate blank kit	090-0001-0003

## Ordering Information

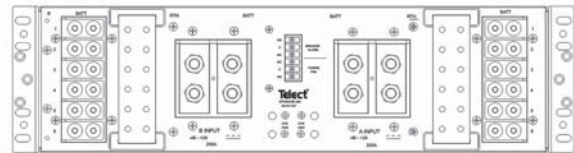
Description	Part Number
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### Panels

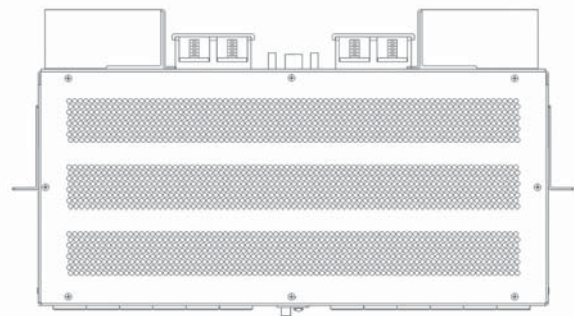
Dual-feed rear output circuit breaker panel	009-6212-2100
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Circuit Breaker Kits (come with 1 breaker, mounting faceplate kit)

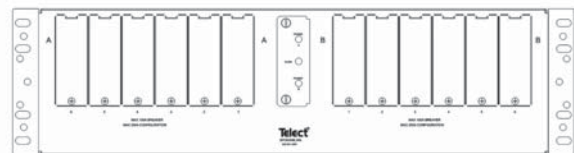
1 amp	090-0052-0001
2 amp	090-0052-0002
5 amp	090-0052-0005
10 amp	090-0052-0010
20 amp	090-0052-0020
25 amp	090-0052-0025
30 amp	090-0052-0030
40 amp	090-0052-0040
50 amp	090-0052-0050
60 amp	090-0052-0060
70 amp	090-0052-0070
80 amp	090-0052-0080
90 amp	090-0052-0090
100 amp	090-0052-0100



REAR VIEW



TOP VIEW



FRONT VIEW