

1RU Control & Distribution System

Telecom Power Distribution Panel



- Fully enclosed front access design
- Commander Plus Series Controller
- SNMP & Web based communication & control
- Automatic temperature compensation
- Low voltage load disconnect
- Dynamic battery string testing with alarm
- Multiple distribution options available

C&C Power's 1RUCD Control & Distribution System is a fully enclosed system that can accommodate up to two circuit breakers, two fused pullouts, or twenty GMT style fuses for distribution. The maximum system capacity is 150 amps and multiple configurations are available including single or split bus configurations with multiple low voltage load disconnect options.

The Commander Plus Series Controller utilizes a four button keypad to navigate the intuitive menus which are displayed on the easy to read alpha numeric vacuum fluorescent display. This provides a single point of adjustment for all system parameters as well as real time system information and alarms. The Commander Plus Series Controller includes SNMP communication and a web based interface to access system status and adjust system settings.

Other standard features include: automatic adjustment of rectifier output voltage when ambient temperature increases or decreases in order to optimize battery life and performance, an internal circuit breaker main battery disconnect which isolates the attached battery strings for added safety and protection as well as offering an easy means of disconnect for battery maintenance, and an EPO (emergency power off) circuit which allows for remote emergency shutdown of the system. Each system is listed to UL Standards and is CSA certified.

1RU Control and Distribution System Part Number Configuration

90211 - P B 21 B C3
1 2 3 4 5 6

1. 1RUCD Base Model Number

90211 = 19" or 23", 1RU, Flush or 5" Setback

2. Positive or Negative Ground

P = Positive Ground
N = Negative Ground

3. Distribution Type

B = Breakers
F = Fused Pullouts

4. Busbar and LVLD Configuration

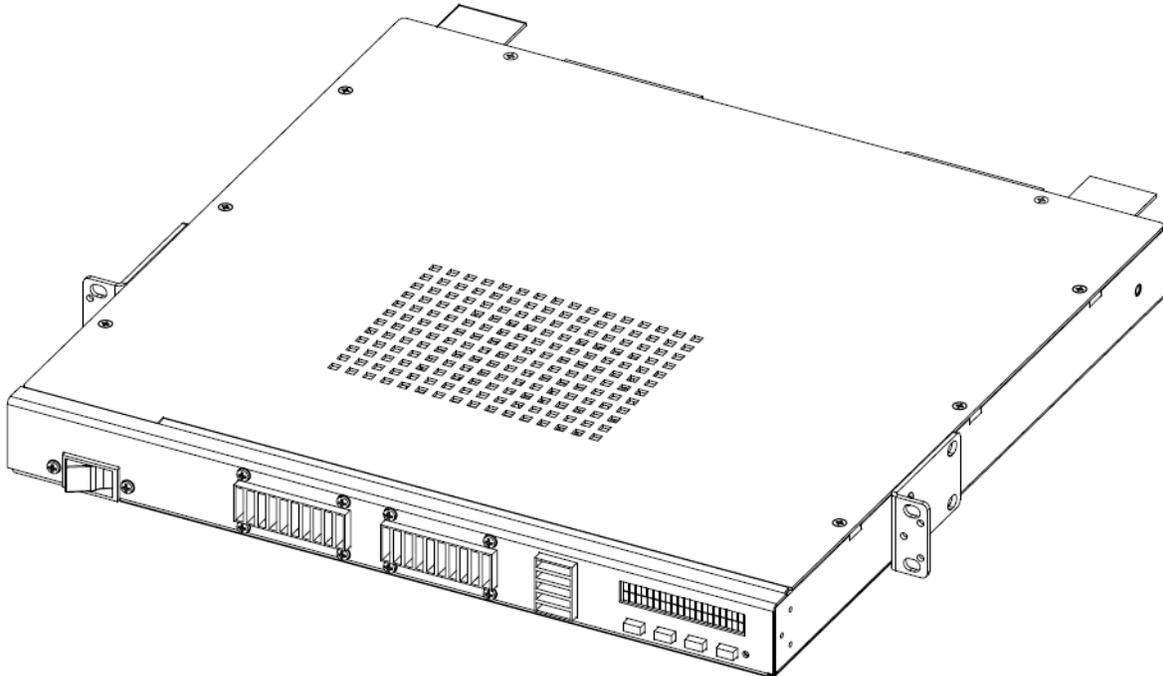
10 = Single bus with no LVLD
11 = Single bus with LVLD
12 = Single bus with redundant LVLD
21 = Split bus with 1 LVLD per bus

5. Main Battery Disconnect

B = Main Battery Disconnect
N = No Main Battery Disconnect

6. Commander Series Controller

C3 = Commander Plus SNMP Controller



Specifications

Current Capacity: 150 amps maximum

Distribution Bus Bar & LVLD Configuration:

- Single bus with no LVLD
- Single bus with one LVLD
- Single bus with dual (redundant) LVLD
- Split bus with one LVLD per bus

Voltage: 60 VDC maximum

Operating Temperature: 20°C to 25°C recommended for optimum battery performance

Dimensions: 19" or 23"W x 18"D x 1RU (1.75")H

Weight: Approximately 19 lbs

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