

# IDS 1200

## Integrated Distribution System



### FEATURES:

- ▶ Commander Plus Series Controller
- ▶ SNMP & web-based communication & control
- ▶ Automatic temperature compensation
- ▶ Low voltage load disconnect
- ▶ Dynamic battery string testing with alarm
- ▶ 1RU 19" rack configuration

**C&C**Power's IDS 1200 integrated distribution system

combines key DC power system components into a single 1RU package for reduced size and ease of installation. The IDS 1200 incorporates 1200 watt rectifiers, a Commander Plus Series Controller, and DC distribution including low voltage load disconnect into a 1RU 19" rack mount package. Multiple distribution options are available including circuit breakers, fused pullouts, or GMT style fuses. Total system capacity is 66 amps at 48 volts or 44 amps with a redundant rectifier.

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. The Commander Plus Series Controller includes SNMP communication and a web-based interface to access system status and adjust system settings. The system provides automatic adjustment of rectifier output voltage when ambient temperature increases or decreases in order to optimize battery life and performance.

Other standard features include a circuit breaker main battery disconnect which isolates the attached battery strings for added safety and protection while offering an easy means of disconnect for battery maintenance. An EPO (emergency power off) circuit also allows for remote emergency shutdown of the system. Each system is ETL listed to UL 60950-1 and is CSA certified.

### AC INPUT:

**Voltage:** 90-264 VAC  
**Current:** 6.4 amps/rectifier @ 208 VAC  
 12 amps/rectifier @ 120 VAC  
**Frequency:** 47-63 Hz  
**Wire Size** #20-#10 AWG bare wire

### DC OUTPUT:

**Voltage:** 90-264 VAC  
**Current per rectifier:** 6.4 amps/rectifier @ 208 VAC  
 12 amps/rectifier @ 120 VAC

Specifications			
Style	Dimensions	Weight	Operating Temp.
IDS 1200	19"W x 1RU x 22"D	20 lbs (minus rectifiers)	0°C to 70°C