



The C2 incorporates two C1PS Power Supply units that provide redundancy in the unlikely event of a power supply failure. Two AC line cords (one per power supply module) are provided, allowing each supply to be connected to a separate uninterruptible power supply, providing the highest level of reliability in mission-critical applications. An audio alarm provides an aural indication in the event that one of two power supply modules has failed. The design approach employed by ComNet for equipment mounted within the model C2 chassis rack unit with two modular C1PS power supplies, provides for the elimination of a single-point failure in the event of a major fault within any module located within the chassis rack. This is accomplished through the use of automatic electronic current limiting within each rack-mountable module, rather than providing the current limiting within the power supply unit which supports the power requirements for equipment located within the rack. In nearly all competing designs, a major fault within a module, located within the chassis rack, results in the power supply unit going into a current limiting condition, and as a result, all of the modules within the rack shut down. The C2 rack design employed by ComNet eliminates this possibility, as only the faulty module shuts down, and the operation of the other modules within the rack continue unimpaired. This automatic current limiting feature is also self-resetting, should the fault or overload be of a temporary or intermittent condition. Furthermore, all modules located within the chassis rack are hot-swappable, so that it is not necessary to power-down the rack when removing or replacing modules.

FEATURES

- › Utilizes two C1PS power supply modules in a fault-tolerant / redundant configuration
- › Automatic electronic current limiting feature
- › Failure relay (NO) for local or remote loss of power indication
- › Audio alarm in the event of power supply failure
- › Voltage transient protection on all power and signal input/output lines provides unconditional protection from power surges and other voltage transient events.
- › (12) twelve 1-inch rack slots available
- › All modules located within the chassis rack are hot-swappable
- › Lifetime Warranty

ORDERING INFORMATION

Part Number	Description
C2-US	19" Rack (US AC Power Cord)
C2-EU	19" Rack (EU & UK Power Cord)
C2-IN	19" Rack (US, EU, UK & AU Power Cord)
C2-CH	19" Rack (no power supply)
C1PS	Spare 90-264 VAC Input Power Supply (order power cords separately)
Included Accessories	90-264 VAC Input (includes 2 power supplies and 2 power cords) Included with C2-US, C2-EU and C2-IN only
Options	C1-BP - Blank Panel (1") C1-BP2 - Blank Panel (2") C1-BP3 - Blank Panel (3") C1-SA - South African Power Cord C1-AU - Australian Power Cord

SPECIFICATIONS

Electrical

Input Voltage	90-264 VAC @ 70 W Maximum
Output Voltage	9 VDC +/- 5% @ 6.5 Amps @ 75°C

Fusing

1.25 A slow blow (rack power supply)
Plug-in modules individually electronically fused.
Each power supply unit is individually fused.

Power Indicator

Red LED

AC Line Cord

(2) Detachable, IEC-connected. Allows easy field replacement or exchange for various worldwide AC power plug configurations.

Mechanical

Size (L x W x H)	
Rack Mount:	19.0 x 7.5 x 6.9 in. (48.2 x 19 x 17.5 cm)
Rack Slots:	(12) 1-inch slots available
Shipping Weight:	<5 lbs./2.15 kg

Environmental

MTBF	>100,000 hours
Operating Temp	-40° C to +75° C
Storage Temp	-40° C to +85° C
Heat Generation	240 BTU

AGENCY COMPLIANCE*



MADE IN THE
USA

In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

Low Power Consumption