

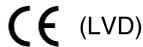
CVR375-96D56 AC/DC power supply for disk storage systems



365 Watt, dual output : +12, +5VDC



[2 YEAR WARRANTY]



- Universal input voltage range
- EN61000-3-2 compliant for power factor and line harmonics
- UL and TÜV safety agency approvals
- Short circuit protection
- Overtemperature protection (auto recovery)
- Overvoltage protection
- Remote sensing of outputs
- Warm-swappable operation
- N+1 redundancy / parallel operation
- FCC and CISPR Class B conducted noise compliant
- FCC and CISPR Class A (stand-alone) / Class B (system) radiated noise compliant
- AC line fusing
- 250,000 hour MTBF
- 4.9 x 9.0 x 3.6 inches (W x D x H) - suitable for 3U applications

SPECIFICATION All specifications are typical at nominal input, full load at 25°C unless otherwise stated

The CVR375 power supply is designed for storage/networking RAID applications. The power supply has an integrated 80mm fan for internal cooling and or-ing diodes on each output to provide output isolation. The power supplies are designed for parallel operation and are warm-swappable. It is recommended that the AC power for a supply be removed during extraction/insertion to minimize disturbance on the main output bus for redundant systems. The power supplies are designed for mounting within standard 19 inch shelves or rack-mount systems.

Control and indicator signals:

- CSIN1 (12V current share pin)
- CSIN2 (5V current share pin)
- VS1+ (positive 12V remote sense)
- VS1- (negative 12V remote sense)
- VS2+ (positive 5V remote sense)
- VS2- (negative 5V remote sense)
- PS_ENABLE (main outputs remote enable)
- PSU_FAIL (undervoltage for main outputs)
- ACOK (AC input status)
- DISCONNECT (auto disable/enable provision for extraction/insertion)
- PSU_FAIL LED
- AC_OK LED

SPECIFICATIONS		
Input voltage	Low range High range	90 to 132VAC 180 to 264VAC
Input frequency range		50/60Hz
Power factor (full load)	Low range High range	>0.98 >0.96
Inrush current	Low range High range	22A 40A
Hold-up time		20ms
Output voltage (initial tolerance)	+12V +5V +5V auxiliary	12.15VDC ±1.0% 5.10VDC ±1.0% 5.00VDC ±1.0%
Output ratings	+12V (steady-state) +12V (30s pk, 10% duty) +5V +5V auxiliary	22A 28A 20A 30mA
Output regulation	+12V +12V (peak) +5V +5V auxiliary	±2.0% +2.0%/-3.0% ±2.0% ±1.0%
Ripple and noise	+12V +12V (peak) +5V +5V auxiliary	120mV pk-pk 200mV pk-pk 50mV pk-pk 50mV pk-pk
Current share	+12V, +5V	±10%
Remote sense compensation	+12V, +5V	100mV
Efficiency	Full load Half load	>73% >70%
Thermal performance	Operating ambient	0°C to +50°C

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