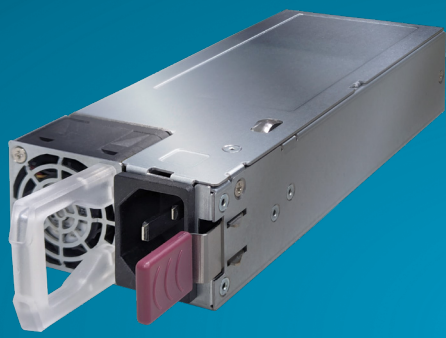


CPR-3221-1M1

3200W MCRPS Power Supply AC/DC to DC Dual-input Redundant



FEATURES

- High Efficiency: 96%
- SPDM communication security
- PMBus, SMBus, I2C functions
- Fully digital power supply
- Smart Fan Speed Control
- Hot Swappable
- In-system Firmware Upload
- Illuminated handle indicates power status



■ Dimension : 185 x 73.5 x 40 mm (D x W x H)

⚠ Product details and image are for reference and final product is subject to change without notice.

SPECIFICATIONS

▶ INPUT	
Voltage	AC input: 90 - 264Vac DC Input: 192 - 310Vdc
Frequency	47 - 63Hz

▶ PFC	
Load (%)	Output Power
10%	92%
20%	96%
50%	98%
100%	99%

* These requirements are within the Energy Star® Program Requirements for Computer Servers.

▶ OUTPUT		
Parameter	12V	12Vsb
Max Load	266.6A @219.1 - 240Vac / 207 - 310Vdc	4.0A
Regulation	12.06V ~ 12.34V	11.65V ~ 12.35V
Ripple & Noise	120mVp-p	120mVp-p

▶ PROTECTION, RELIABILITY, WARRANTY	
Over Current Protection (OCP)	
Over Power Protection (OPP)	
Over Voltage Protection (OVP)	
Under Voltage Protection (UVP)	
PFC Over Voltage Protection (Bulk OVP)	
Over Temperature Protection (OTP)	
Holdup Time: 11msec @ 100% Load	
MTBF: >400,000 hours @ 100% Load, 30°C Ambient	
Warranty: 3 Years	

▶ ENVIRONMENTAL	
Temperature	Operating : -5°C to 55°C Non-operating : -40 to 70°C / Ambient
Altitude	Operating: to 16,400 feet (5,000 meters) Non-operating: to 49,800 feet (15,200 meters)
Relative Humidity	Operating: to 85% RH, Non-condensing Storage: to 95% RH, Non-condensing

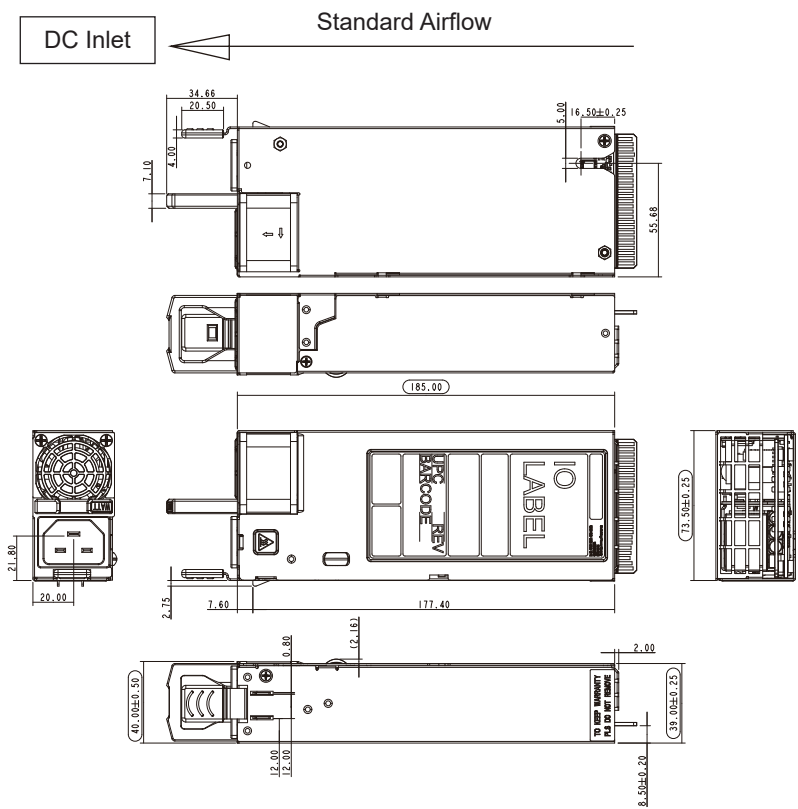
SAFETY AND COMPLIANCE

UL, CE, CCC, CB, FCC class A, CISPR Class A, RoHS, BSMI

CPR-3221-1M1



MECHANICAL DRAWING



CONNECTORS

AC Inlet	IEC 320 C-20 (16A / 250Vac)
DC Output	73.5mm output receptacle. Refer to MCRPS Connector Information for options.
DC Output Mating	Refer to MCRPS Connector Information for options.

OUTPUT CONNECTOR PIN ASSIGNMENTS

High power Connector / Top Side				High power Connector / Bottom Side			
PIN#	Signal Name	PIN#	Signal Name	PIN#	Signal Name	PIN#	Signal Name
P1	GND	S1	PMBus SDA	P7	GND	S8	A0 (SMBus address)
P2	GND	S2	PMBus SCL	P8	GND	S9	A1 (SMBus address)
P3	GND	S3	PSON#	P9	GND	S10	+12Vstby
P4	+12V	S4	SMBAlert#	P10	+12V	S11	Cold Redundancy Bus
P5	+12V	S5	Return sense / PS_Kill	P11	+12V	S12	12V load share bus
P6	+12V	S6	+12V Remote sense	P12	+12V	S13	Imon
		S7	PWOK			S14	VINOK



Compuware Technology Inc.

Tel: 886-2-8226-3936 Address: 5F., No. 232, Liancheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)



www.compuware-us.com