

FEATURE

- 80Plus Platinum
- 1U power Supply
- Cold Redundancy
- Hot-pluggable
- High power density
- N+M, N+1 Redundancy
- Active Current Sharing
- PMBus® Compliant
- Active Power factor correction
- Intel standard CRPS form factor



SPECIFICATIONS & SELECT GUIDE

WATT	MODEL	INPUT		OUTPUT		
		Voltage	Current	Max Output Power	Maximum Load	
					+12.2V	+12VSB
2000W	CRPS2000D2	100-127Vac	12A Max	1000W	82A (100-127Vac)	3A
		200-220Vac	10A Max	1800W	148A (200-220Vac)	
		220-240Vac	10A Max	2000W	164A (220-240Vac)	
		240Vdc	9.5A Max	2000W	164A (240Vdc)	

LED Indicator

Power Supply Condition	LED Status
12V output mode normal	Green
No AC power to all power supplies	OFF
AC present / Only +12VSB on (PS off) or Cold	1Hz Blink Green
AC cord unplugged or AC power lost (with a second power supply in parallel still with AC input power)	Amber
Main +12V output critical events causing a shutdown; Failure, OCP, Short Circuit, OVP, Fan Failure, OTP, Input OVP.	Amber
Power supply warning events where the power supply continues to operate; high temp, high power, high current, slow FAN	1Hz Blink Amber
Power supply FW updating mode	2Hz Blink Green

GENERAL SPECIFICATIONS

Hold up	10mS Min.
Efficiency	94% @ 50% Load
MTBF	200K hours at 55 °C by Telcordia SR-332, Issue 2

ENVIRONMENTAL SPECIFICATIONS

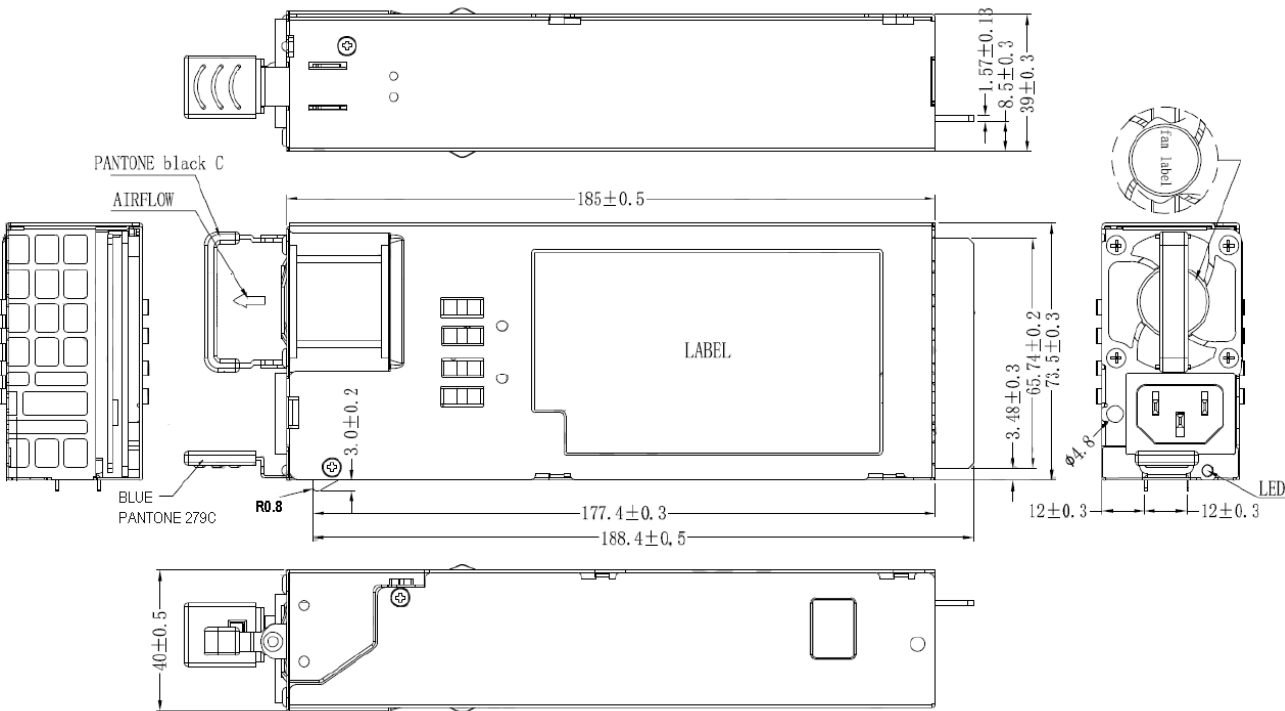
Temperature	0~55 °C Operating
Humidity	To 85% (non-condensing) Operating
Altitude	5000M(16,404ft)

SAFETY & EMC/EMC SPECIFICATIONS

EMC

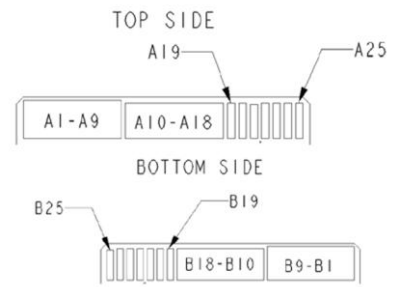
FCC/CE class A ; EN61000-3-2, EN61000-4-2,3,4,5,6,8,11
IEC/EN 60950-1; IEC/EN/UL: 62368-1; GB4943.1; UL&cUL, TUV, CQC, UKCA, IRAM

MECHANICAL DRAWING



CONNECTOR DEFINITION

Pin Number	Function	Pin Number	Function
A1-A9	POWER GND	B1-B9	POWER GND
A10-A18	+12V	B10-B18	+12V
A19	SDA	B19	A0 (addressing)
A20	SCL	B20	A1 (addressing)
A21	PSON#	B21	12VSB
A22	SMBAlert#	B22	Smart On
A23	RS-	B23	ISHARE
A24	RS+	B24	PS_PRESENT#
A25	PWOK	B25	VIN_GOOD



ADDRESSING

PMBUS Addressing Table			
A1	A0	Read Address	Write Address
0	0	B0h	B1h
0	1	B2h	B3h
1	0	B4h	B5h
1	1	B6h	B7h

IPMI FRU Addressing Table			
A1	A0	Read Address	Write Address
0	0	A0h	A1h
0	1	A2h	A3h
1	0	A4h	A5h
1	1	A6h	A7h

Great Wall® 2000W

SWITCHING POWER SUPPLY/开关稳压电源/交流式电源供应器

MODEL/型号/规格: CRPS2000D2

AC INPUT/输入: 100-127V~12A 60/50Hz (非中国区使用/Not for China)

DC OUTPUT/输出: 12.2V $\pm$ 0.2A +12Vsb $\pm$ 3A

Max. OUTPUT POWER/最大输出功率/最大输出功率: 1000W(瓦)

AC INPUT/输入: 200-220V~10A 60/50Hz

DC OUTPUT/输出: 12.2V $\pm$ 148A +12Vsb $\pm$ 3A

Max. OUTPUT POWER/最大输出功率/最大输出功率: 1800W(瓦)

AC INPUT/输入: 220-240V~10A 60/50Hz

DC INPUT/输入: 240V $\pm$ 10A (仅限中国区使用/Only in China)

DC OUTPUT/输出: 12.2V $\pm$ 164A +12Vsb $\pm$ 3A

Max. OUTPUT POWER/最大输出功率/最大输出功率: 2000W(瓦)

中国长城科技股份有限公司制造
China Greatwall Technology Group Co., Ltd.
中国制造/中国製造/Made in China

WARNING: Do not remove this cover. No serviceable components inside.
警告: 请勿拆卸此盖。内部无维修组件。
HAZARDOUS AREA
危险区域/有毒物质

Warning: This is class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
警告: 此为A类产品在家庭环境中, 本产品可能会造成无线电干扰, 在这种情况下, 可能需要用户采取适当可行的措施。
警告: 使用此产品时, 请勿在易燃环境中使用, 以免引起火灾。Great Wall Bld., Science & Technology Industrial Park, Nanshan Zone, Shenzhen, People's Republic of China

UL E203359 CEC 10 PMBUS

Hi-POT ATE PASS PASS

FW: 0.00 FW: 1.000

XXXXXXXXXXXX

* Great Wall Authorized Sales



For more information:

<https://www.yccase.com>

5F-1, No. 152, Sec. 4, Chengde Rd., Shilin Dist., Taipei City
11167, Taiwan (R.O.C.)
+886-2-2888-3885
+886-2-2888-3871

CRPS2000 Apr25