

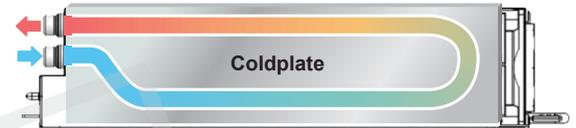
CPR-6622-2M1



6600W Liquid-cooled 2U Power Supply AC to DC Redundant

FEATURES

- Dual Output: 54V + 12V
 - Noise Level: 25dB (whisper quiet)
 - High Efficiency: 96% @ 50% load
 - Hot Swappable
 - In-system Firmware Upload
 - Communication: PMBus, SMBus, and I2C
- ★ EDPP: 180%(500μs), 150%(50ms), 110%(60ms) - repeat over 10 seconds.



■ Dimension : 335.2 x 109.2 x 82.0 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: 180 - 264Vac
Frequency	47 - 63Hz
Current	15.6A @ 230Vac per inlet

▶ POWER FACTOR

Load (%)	Power Factor
10%	90%
20%	96%
50%	98%
100%	99%

▶ OUTPUT

Parameter	54V	12V	12Vsb
Max Load	120.3A @ 230-240Vac	130A	4A
Regulation	52.38~55.62V	11.50~12.60V	11.50~12.60V
Ripple & Noise	500mVp-p	120mVp-p	120mVp-p

▶ LIQUID COOLING PARAMETERS

Liquid Inlet Temperature	12-45 °C
Outlet Inlet Temperature	63°C (Max)
Volume Flow Rate	0.4~1.75 LPM
Flow Pressure	0.725 psi ~2.90 psi
Dissipate Heat Capacity	750W

▶ 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)
 Leak Detection
 Holdup Time: 11 msec @ 75% Load (54V and 12V)
 MTBF: 500,000 hours @ 100% load, 30 °C ambient,
 200-240Vac input voltage
 Warranty: 3 Years

▶ ENVIRONMENTAL

Temperature	Operating: 0°C to 55°C Non-operating : -40 to 70°C / Ambient
Altitude	Operating: to 5000 meters Non-operating: to 10,580 meters
Relative Humidity	Operating: 20% to 90%RH, Non-condensing Storage: 5% to 95% RH, Non-condensing

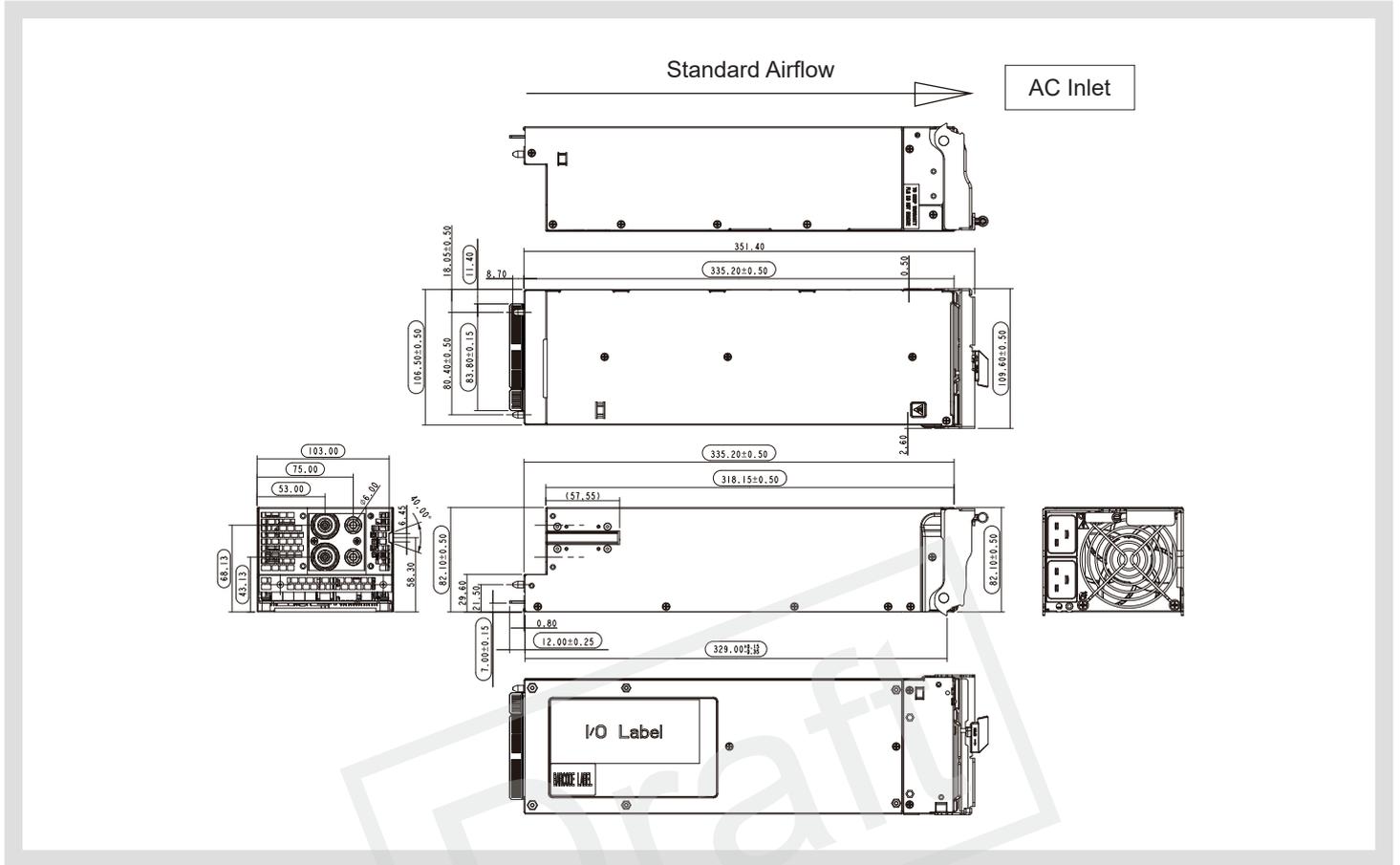
SAFETY AND COMPLIANCE

UL, CE, C-UL, CQC 5000m, CB, FCC class A, CISPR Class A, RoHS, REACH, BSMI

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MECHANICAL DRAWING



CONNECTORS

AC Inlet	2 x IEC-320 C20, 16A / 250Vac
DC Output	Power Edge Card (Gold finger)
DC Output Mating	Amphenol eHPCE 26P+22S (vertical) or (right angle)

OUTPUT CONNECTOR PIN ASSIGNMENTS

PIN#	Signal Name										
S1	SMBAAlert	S9	+12V-RS	MP6	+54V	S22	54V Ishare	S14	+12V-Ishare	MP19	GND
S2	I2C SDA2	S10	12Vsb	MP7	Skip	S21	I2C SCL2	S13	Present_L	MP20	SKIP
S3	DC GOOD	S11	12Vsb	MP8	GND	S20	PSON	S12	54V RS	MP21	+54V
S4	M1_active1	MP1	+12V	MP9	GND	S19	M2_active2	MP14	GND	MP22	+54V
S5	I2C SCL1	MP2	+12V	MP10	GND	S18	I2C SDA1	MP15	GND	MP23	+54V
S6	A2	MP3	+12V	MP11	GND	S17	A1	MP16	GND	MP24	+12V
S7	Battery_ID	MP4	+54V	MP12	GND	S16	A0	MP17	GND	MP25	+12V
S8	Wakeup_bus	MP5	+54V	MP13	GND	S15	reserved	MP18	GND	MP26	+12V



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