

CDR-6011-5M1 CDR-6011-5M3 CDR-6011-5M4 CDR-6011-5M5

600W Slim Power Supply AC/DC Dual-input Redundant



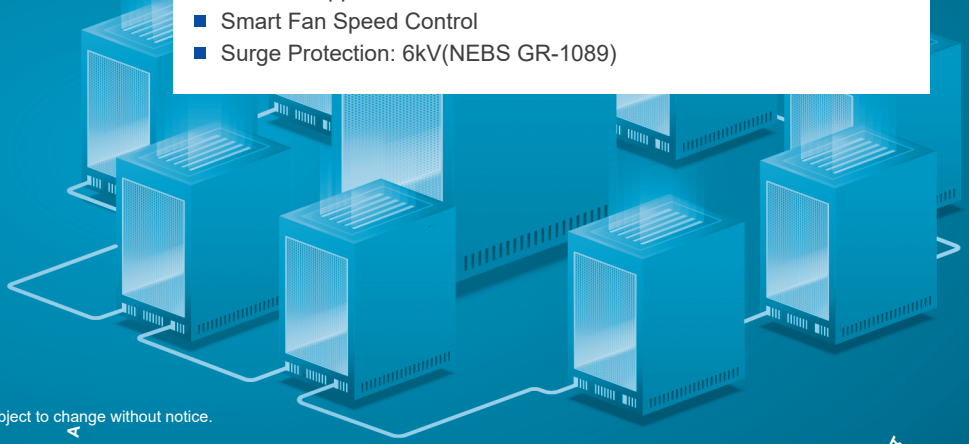
FEATURES

- High Efficiency: 94%
- Hot Swappable
- PMBus Support
- Smart Fan Speed Control
- Surge Protection: 6kV(NEBS GR-1089)
- Operating Temperature: -40 to 65°C
- Active Power Factor Correction



■ Dimension : 220 x 54.5 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: 180 - 300Vdc
Frequency	47 - 63Hz
Current	AC 100 - 240V / 7.5 - 3.5A DC 230 - 240V / 3 - 3.5A

▶ EFFICIENCY, PFC, THD

Load (%)	Input 230Vac		
	Input current THD	Power Factor	Efficiency
20%	20%	N/A	90%
50%	8%	0.95	94%
100%	5%	0.95	91%

▶ OUTPUT

Parameter	12V	5Vsb
Max Load	50A	3A
Regulation	±5%	±5%
Ripple & Noise	120mVp-p	50mVp-p

▶ PROTECTION, RELIABILITY, WARRANTY

Over Current Protection (OCP)
Over Voltage Protection (OVP)
Over Temperature Protection (OTP)
Short Circuit Protection (SCP)
Holdup Time: 15ms @ 75% Load
MTBF: >400,000 hours @ 30 °C
Warranty: 3 Years

▶ ENVIRONMENTAL

Temperature	Operating : -40 to 65°C Non-operating : -40 to 70°C
Altitude	Operating : to 16,500 feet (5,000 meters) Non-operating : to 35,000 feet (10,580 meters)
Relative Humidity	Operating : 5% to 90% RH, Non-condensing Storage : 5% to 95% RH, Non-condensing

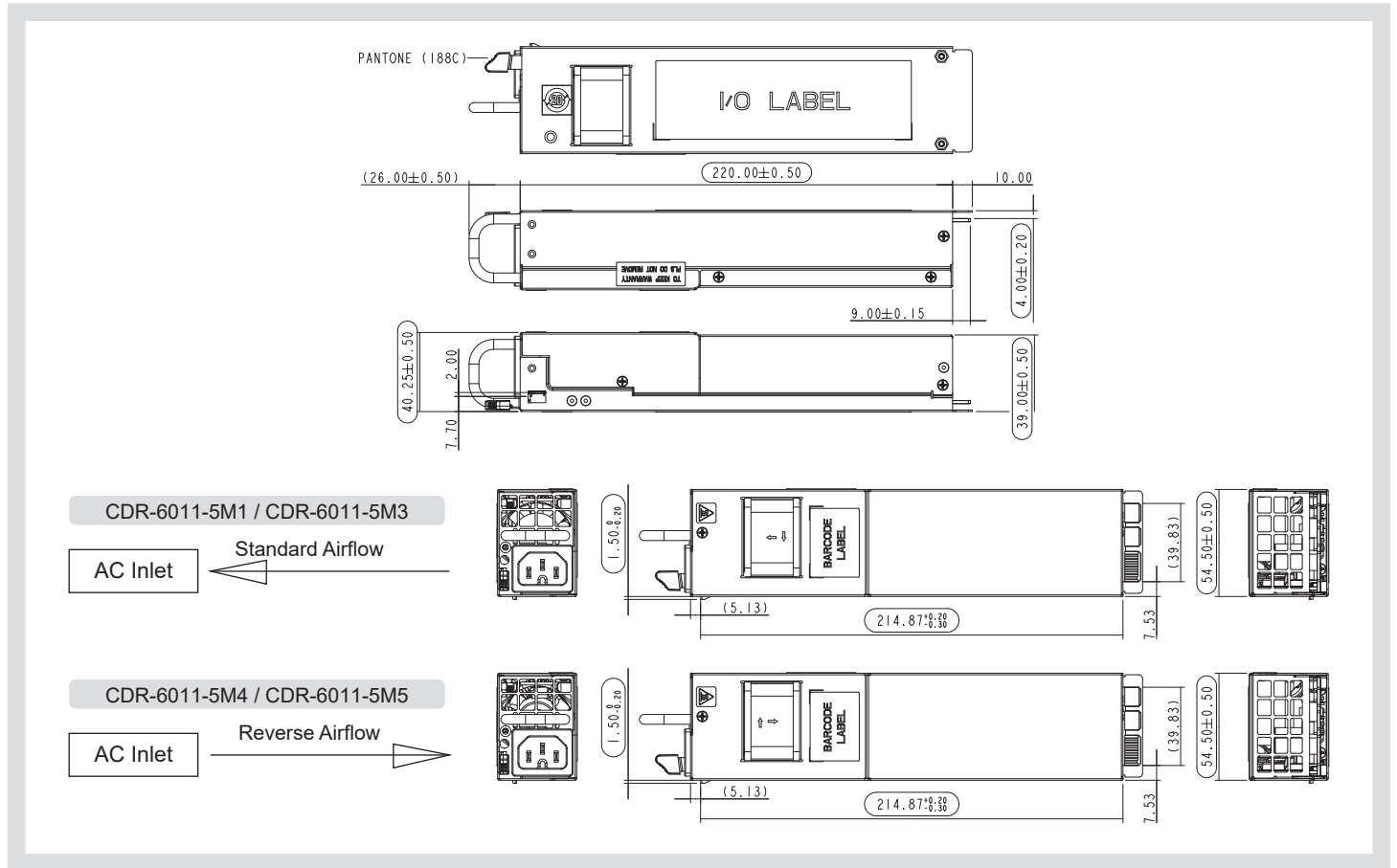
SAFETY AND COMPLIANCE

UL, cUL, TUV, CE, CQC, CB, FCC class A, CISPR Class A, BSMI, RoHS, NEBS Level 3

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MECHANICAL DRAWING



CONNECTORS

AC Inlet	IEC 320 C-16, 15A / 250Vac
DC Output	Gold Finger
DC Output Mating	Molex 45984 series or Alltop C21402 series equivalent

OUTPUT CONNECTOR PIN ASSIGNMENTS

Bottom		Top	
PIN#	Signal Name	PIN#	Signal Name
S1	+12V RS+	S13	Reserved
S2	+12V RS-	S14	Present
S3	12LS	S15	A0
S4	SMB Alert	S16	Reserved
S5	SDA	S17	Reserved
S6	SCL	S18	Reserved
S7	PS_Kill	S19	INPUT OK
S8	PS_On	S20	Reserved
S9	PW_OK	S21	Wakeup_Bus
S10	A1	S22	Reserved
S11	+5VSB (5V Standby)	S23	+5VSB (5V Standby)
S12	+5VSB (5V Standby)	S24	+5VSB (5V Standby)
P1	+12V	P3	Ground
P2	+12V	P4	Ground

HARDWARE DESIGN

CDR-6011-5M1	Standard Airflow	Floating
CDR-6011-5M3	Standard Airflow	Grounding
CDR-6011-5M4	Reverse Airflow	Floating
CDR-6011-5M5	Reverse Airflow	Grounding



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