



COMINO

COMPACT HIGH-POWERED PSU CRPS FOR DATA CENTER



KEY ADVANTAGES

X5

Works as long
as 5X retail PSU

94%

80 plus certificate
Platinum
(94% efficiency)

ATX
STANDARD PSU

Compatibility with
any ATX device

24/7

Server-oriented,
engineered
to work 24/7



Overvoltage,
overcurrent,
overtemperature
protection

- ATX form factor
- 1U height
- Redundant (1+1) operation
- Power Factor Correction
- Tunable internal cooling fan
- PMBus compatible via I2C Data Bus protocol
- RoHS, EMI, EMS compliant

TECHNICAL SPECIFICATIONS

Form Factor	1U
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Power Capability	1600W
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PFC type	Active
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Min PFC	0.98
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Efficiency	94%
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Cooling system	1x fan
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Fan diameter	40mm
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Max noise level	64dB
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Certification standard	80PLUS Platinum
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MTBF (Mean time between failure)	250 000 hours at 30°C ambient temperature and full load
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Hot swap	yes
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TECHNICAL SPECIFICATIONS

Protection

- Input Under and Over Voltage Protection (Input UVP/OVP)
- Output Under and Over Voltage Protection (Output UVP/OVP)
- Over Temperature Protection (OTP)
- Short Circuit Protection (SCP)
- Overcurrent Protection (OCP)
- Fan warning and fault

Dimensions

185x73.5x40mm

INPUT VOLTAGE / INPUT CURRENT / FREQUENCY

	Min	Rated	Max	Units
AC input voltage	90	100-240	264	VAC
Frequency	47	50-60	63	Hz
DC input voltage	192	240-340	400	VDC
Input current	<10A@200-240VAC/160-340VDC @full load			

OUTPUT CURRENT

Input	Output Voltage	Min Current	Max current
90-140Vac	+12V	1.0A	83.3A
	+12Vsb	0.1A	2.1A
180-264Vac	+12V	1.0A	133.3A
192-400Vdc	+12Vsb	0.1A	2.1A

VOLTAGE REGULATION

Output Voltage	Min	Rated	Max	Tolerance
+12V	11.4V	12.0V	12.6V	+/-5%
+12Vsb	11.4V	12.0V	12.6V	+/-5%

RIPPLE & NOISE

Output voltage	Ripple & noise
+12V	<120mV
+12Vsb	<120mV

EFFICIENCY

Load	+12V	+12Vsb	Efficiency requirement
10%	13.33A	0.21A	>86%
20%	26.66A	0.42A	>91%
50%	66.65A	1.05A	>94%
100%	133.3A	2.1A	>91%

LED STATE INDICATION

LED color	Power Supply Status
Power Capability	Normal operation, status OK
Green, flashing (approximately every second)	Standby mode
Green, slow flashing (approximately every 3 seconds)	Low power mode (saves energy)
No color	No input power
Orange, flashing (approximately every second)	Attention required! Warning events: high temperature warning, fan fail warning, over current warning
Orange	Attention required! AC cord unplugged or DC power lost
Orange	Attention required! Power supply critical event causing a shutdown: UVP, OVP, OCP, OTP





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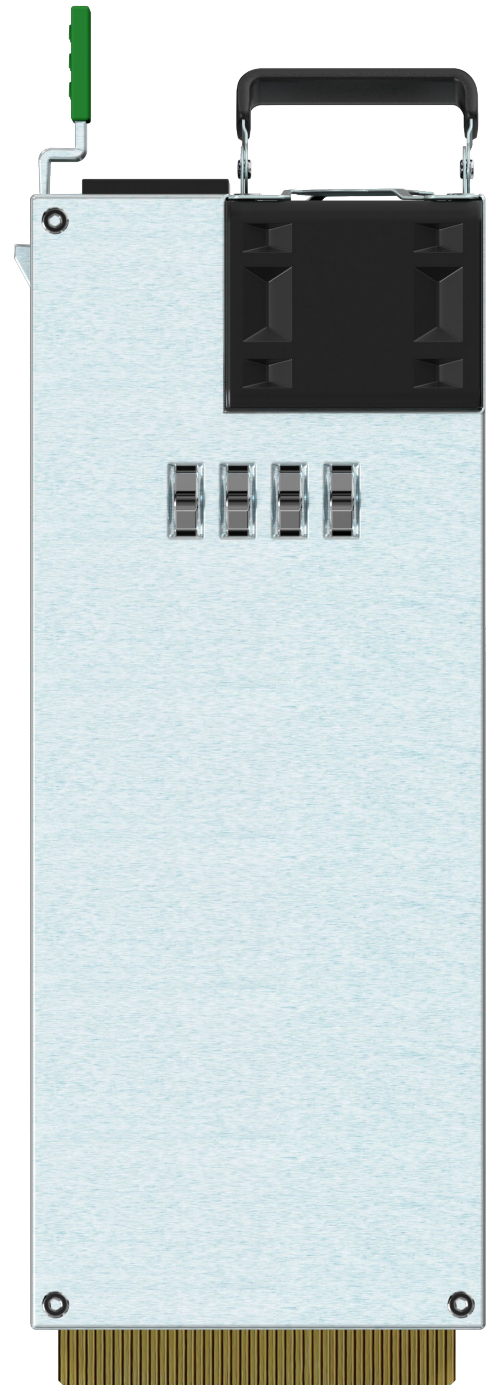
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