



# X SILENT EDGE PLATINUM 1100 230V

## PRECISE SILENT POWER

Introducing the X Silent Edge Platinum 230V, the industry's first fanless PSU to achieve 1100W. The Edge features totally silent and dustless performance, innovative heat pipe technology, advanced heat dissipation, 80 Plus Platinum efficiency, an active bridge rectifier, and a digital monitor powered by Cooler Master's MasterCTRL software. With these features, the Edge provides precise and silent power.

The X Silent Edge Platinum 230V also includes ATX 3.1 support, a durable 12V-2x6 cable with Dual Color Connectors, reliable industrial-grade Infineon IC chips, fully modular cabling, high-quality Japanese capacitors, and a 15-year warranty. The X Silent Edge Platinum is the next frontier of silent, reliable, powerful performance.

## FEATURES

### Silent Operation

- Fanless design enables OdBA operation while keeping the system dust-free.
- Innovative composite heat pipe technology enhances passive thermal transfer.
- A patented aluminum thermal mold delivers efficient heat dissipation without active cooling.
- Fully modular cabling improves airflow and helps maintain passive cooling efficiency.
- Optional external fan port allows thermal flexibility for custom system integration.

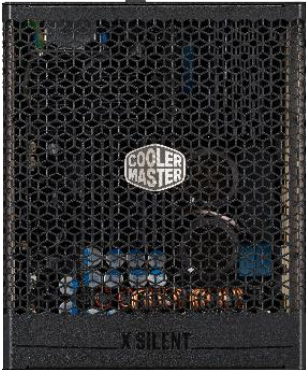
### AI Ready | Designed for High-Performance AI Workloads

- ATX 3.1 and PCIe 5.1 support ensure stable power delivery for next-gen GPUs.
- Built for AI workloads with 12V-2x6 connector and dual-color safety indicators.
- Server-grade PMBus v1.2 monitors efficiency, thermals, and load in real time.
- Real-time power monitoring with MasterCTRL provides visibility into system performance.

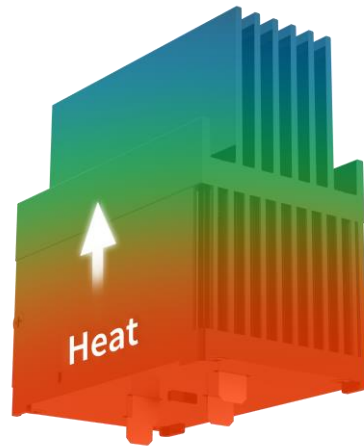
### Premium Components

- 80 Plus Platinum certification delivers over 94% efficiency at typical loads.
- Active bridge rectifier improves power conversion efficiency and overall stability.
- Infineon industrial-grade ICs ensure reliable and long-lasting performance.
- High-quality Japanese capacitors reduce ripple noise and extend lifespan.
- 15-year warranty reflects the quality and long-term reliability
- Dual-color connectors (with clear purple markings) help users confirm correct installation, preventing poor contact and power issues for enhanced safety.

# FEATURE HIGHLIGHTS



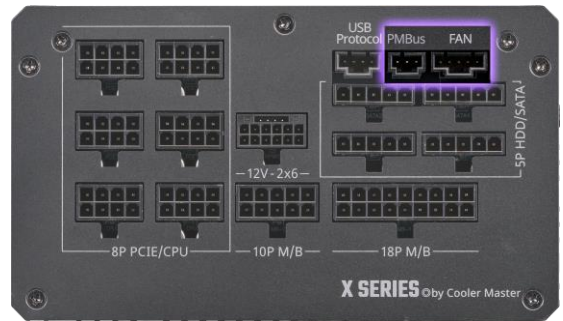
A fanless design provides total silence and a dust-free environment.



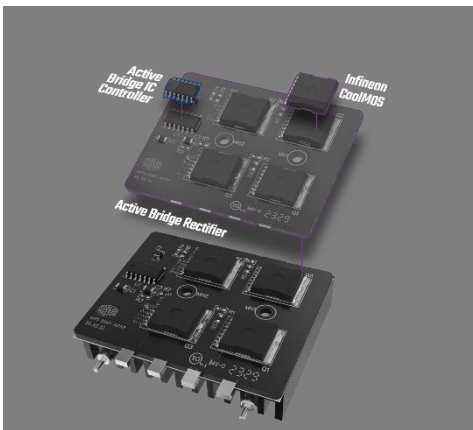
Patented decentralized design improves thermal performance by targeting key components.



In-house designed composite heat pipe technology enables effective passive thermal management.



Enterprise-grade PMBus support and external fan port provide monitoring and thermal adaptability for advanced system integration.



An active bridge rectifier built with Infineon industrial-grade chipset delivers enhanced power efficiency and long-term stability.



Supports a single 12V-2x6 connector for high-performance GPUs, with a dual-color design (black and purple) for correct installation.



# PRODUCT SPECIFICATIONS

<b>Product Name</b>	X SILENT EDGE PLATINUM 1100 230V
<b>Item Code</b>	MPS-B001-AZBP
<b>ATX Version</b>	ATX 12V Ver. 3.1
<b>PFC</b>	Active PFC
<b>Input Voltage</b>	200 - 240V
<b>Input Current</b>	6.1 A (max)
<b>Input Frequency</b>	50 - 60Hz
<b>Dimensions (L x W x H)</b>	180 x 150 x 86 mm
<b>Fan Size</b>	N/A
<b>Fan Bearing</b>	N/A
<b>Fan Speed</b>	N/A
<b>Efficiency</b>	≥ 94% @ Typical Load
<b>80 PLUS Rating</b>	80 PLUS Platinum
<b>ErP 2014 Lot 3</b>	Yes
<b>Operating Temperature</b>	0 ~ 40°C / 45°C at 80% Load
<b>Power Good Signal</b>	100 - 150ms
<b>Hold Up Time</b>	≥ 16ms
<b>MTBF</b>	>100,000 hours
<b>Protections</b>	OPP / OVP / OTP / OCP/ SCP / UVP / Surge & Inrush Protection
<b>Regulatory</b>	TUV, CE, CCC, EAC, RCM, UKCA / BIS, KC (based on region's request.)

# CABLE AND CONNECTOR

Type	Cable	Connector	Length
ATX 24 Pin	1	1	650mm
EPS 4+4 Pin	1	1	650mm
EPS 8 Pin	1	1	650mm
SATA	3	12	500 + 150 + 150 + 150mm
Peripheral 4 Pin	1	4	500 + 120 + 120 + 120mm
PCI-e 6+2 Pin	4	4	550mm
12V-2x6	1	1	650mm
USB 10P	1	1	800mm
PMBus 5 Pin	1	1	650mm
External Fan 4Pin	1	1	400mm

# RATED SPECIFICATION

<b>AC INPUT</b>	200-240V~, 6.1 A max, 50 - 60Hz				
<b>DC OUTPUT</b>	+3.3V	+5V	+12V	-12V	+5Vstb
	20A	20A	91.6A	0.3A	3A
<b>TOTAL POWER</b>	120W		1099.2W	3.6W	15W
	1100W				



## PACKING INFORMATION

Cable Type	EAN	UPC
MPS-B001-AZBP-NBUK	4719512161302	884102133589
MPS-B001-AZBP-NBEU	4719512161579	884102133855
MPS-B001-AZBP-NBST	4719512161319	884102133596
MPS-B001-AZBP-NBAU	4719512161326	884102133602
MPS-B001-AZBP-NBBR	4719512161333	884102133619
MPS-B001-AZBP-NBKR	4719512161340	884102133626
MPS-B001-AZBP-NBIN	4719512161357	884102133633
MPS-B001-AZBP-NBPH	4719512161364	884102133640
MPS-B001-AZBP-NBAR	4719512160961	884102133244
MPS-B001-AZBP-NBWO	4719512161371	884102133657
MPS-B001-AZBP-NBBS	4719512161388	884102133664
MPS-B001-AZBP-NBNL	4719512161395	884102133671
MPS-B001-AZBP-NBHK	4719512161401	884102133688
MPS-B001-AZBP-NBCP	N/A	N/A
MPS-B001-AZBP-NBBU	4719512161418	884102133695
MPS-B001-AZBP-NBCN	6928968323372	N/A
MPS-B001-AZBP-NBBC	6928968323389	N/A

## SHIPPING DETAILS

<b>Net Weight</b>	3.8 kg	
<b>Gross Weight</b>	5.0 kg	
<b>Package Dimensions (L x W x H)</b>	42 x 24.1 x 12.4 cm	
<b>Carton Dimensions (L x W x H)</b>	43.2 x 26.3 x 27.4 cm	
<b>Unit / Carton</b>	2 pcs	
<b>Unit / Pallet (Standard)</b>	48 pcs	
<b>Unit / Pallet (HQ)</b>	64 pcs	
<b>Container 20 feet</b>	With Pallet	1152 pcs
	Carton / Pallet	24 pcs
<b>Container 40 feet</b>	With Pallet	2496 pcs
	Carton / Pallet	24 pcs
<b>Container 40 HQ</b>	With Pallet	3328 pcs
	Carton / Pallet	32 pcs