



VIC BD

550W / 650W / 750W

Available Color : Black / White



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Features

- Complies with ATX12V V3.1 & EPS 12V V2.92
- Supports the latest PCIe 12V-2x6 connector (750W)
- Efficiency $\geq 88\%$ @ typical load
- 80 PLUS® 230V EU Bronze certified
- Active PFC, Power Factor ≥ 0.9
- Ultra-quiet and durable 120mm HDB fan
- Durable 105°C bulk capacitor
- High-power single +12V rail
- Stable and efficient DC to DC module design
- Premium embossed cables for easy routing
- Complete Protections: OCP, OVP, SCP, OPP, UVP, OTP, SIP, NLO
- Meet ErP/EuP 2013 Standard





The Future is Now : ATX 3.1 & PCIe Gen 5.1 Ready

Following the latest ATX 3.1 & PCIe Gen 5.1 regulation, support up to 200% power excursion and with the new interface of PCIe 12V-2x6 connector to ensure peak performance with future hardware upgrades.

*750W model IS available with PCIe Gen 5.1 connector



High efficiency in Bronze-certified

Certified by world-class organizations 80 PLUS ® 230V EU Bronze certification for lower power loss, less heat, and quieter operation.





Reliable Circuit Design for Steady Power

The +5V & 3.3V DC to DC circuit design enhances efficiency and stabilizes output voltage for consistent system performance.



Power-Ready +12V Single Rail Design

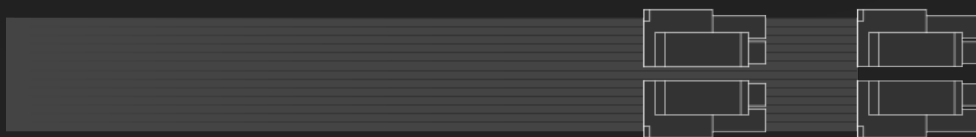
Engineered for power-hungry VGA cards, this design delivers robust power to handle even the most demanding overloading conditions, ensuring peak performance in every gaming session.





Strong Power Supply for CPU Needs

This power supply is equipped with dual 8-pin PCIe power connectors, delivering ample 12V power to meet the demands of high-performance CPUs.





Quiet and long-lasting HDB fan

Built with optimized thermal solution and an advanced 120mm HDB fan for cooler components and quieter operation.



Active PFC ≥ 0.9

A minimum power factor of 0.9 guarantees both system stability and efficiency.



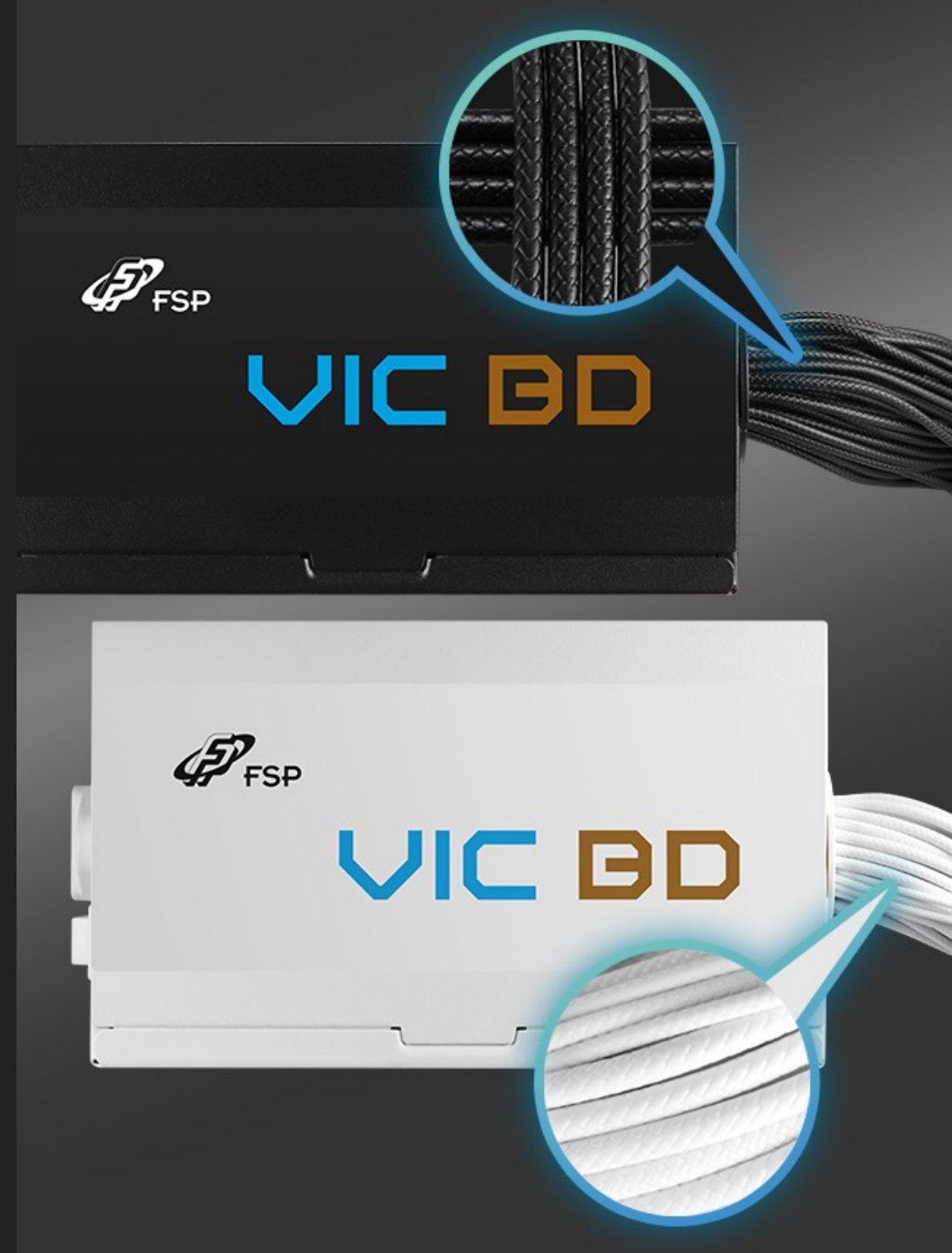


VIC BD

Premium, the embossed cables

Featuring improved black, embossed cables that are soft and easy to bend, users can manage them more easily, saving time and creating more space for optimal cooling performance in your PC build.

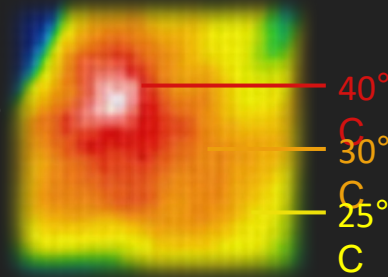
*** For white version, the series features with all-white embossed cables.**





Thermal Resilience: Power You Can Depend On.

The VIC BD power supply is engineered for reliable power delivery, even in temperatures up to 40°C. Count on stable performance for your everyday computing, ensuring system longevity without heat concerns.



*Performance data based on testing conducted at 25°C ambient temperature.





VIC BD

Specifications 1

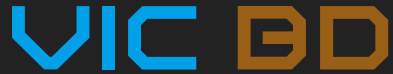
	VIC-550BD	VIC-650BD	VIC-750BD
Wattage	550W	650W	750W
Form Factor	ATX12V V3.1	ATX12V V3.1	ATX12V V3.1
Efficiency	88%	88%	88%
80 PLUS®	230V EU Bronze	230V EU Bronze	230V EU Bronze
Cybenetics	-	-	-
Gen 5 Connector	Non	Non	Yes
Modularity	Non	Non	Non
PFC Type	Active ≥ 0.9	Active ≥ 0.9	Active ≥ 0.9
Input Voltage	200-240V	200-240V	200-240V
Input Current	6-3A	6-3A	6-3A



VIC BD

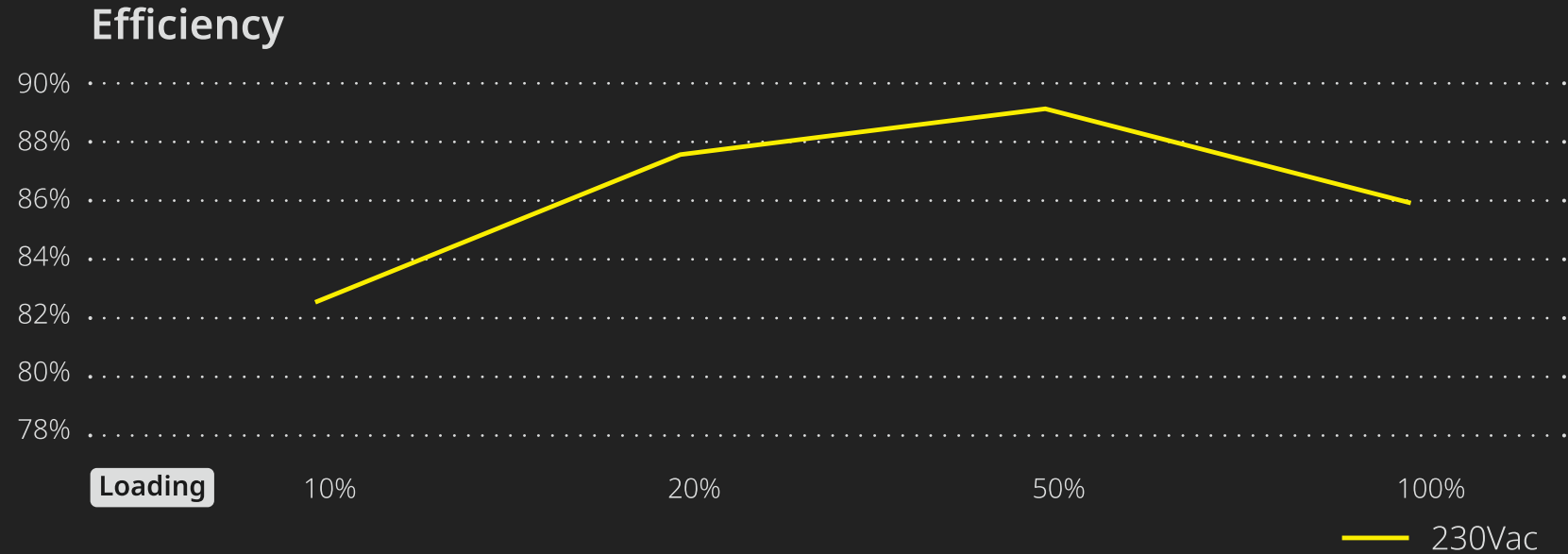
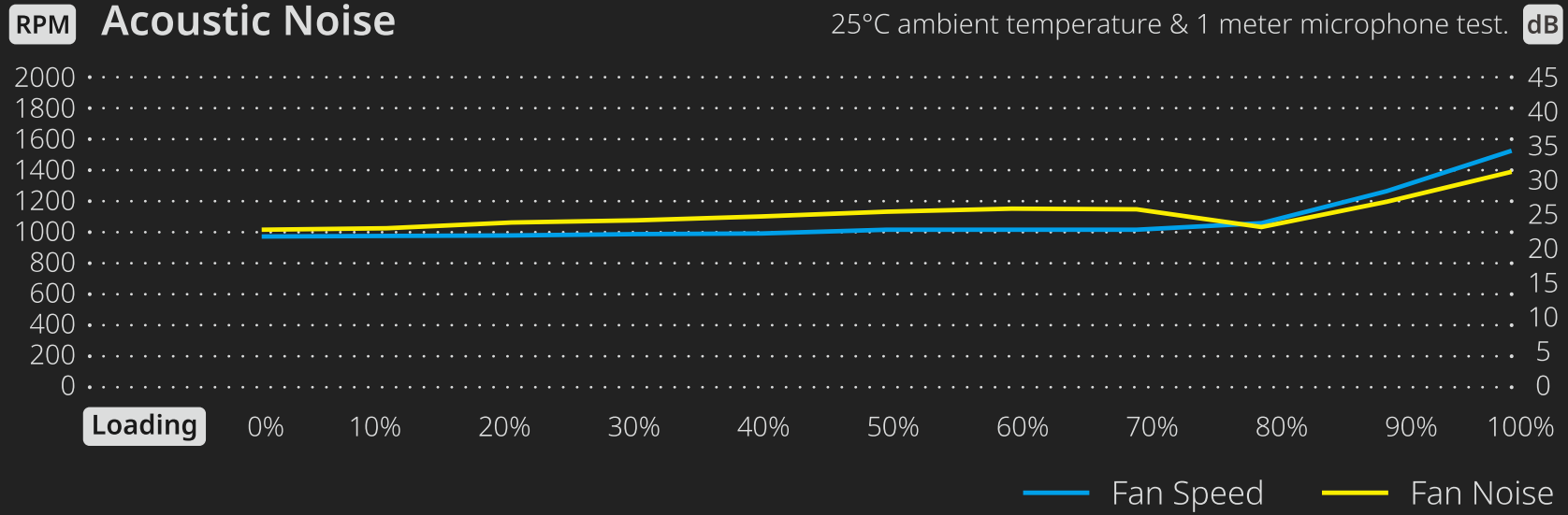
Specifications 2

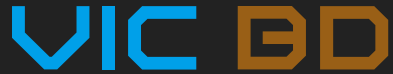
	VIC-550BD	VIC-650BD	VIC-750BD
Input Frequency	50-60Hz	50-60Hz	50-60Hz
Output Capacity	550W	650W	750W
Max. Output Power	550W	650W	750W
Fan Size	120mm	120mm	120mm
Fan Bearing	HDB Bearing	HDB Bearing	HDB Bearing
Operating Temperature	25°C	25°C	25°C
Hold Up Time	12ms @100% load	12ms @100% load	12ms @100% load
MTBF	50,000 Hrs	50,000 Hrs	50,000 Hrs
Protection	OCP, OVP, SCP, OPP, UVP, OTP,SIP, NLO	OCP, OVP, SCP, OPP, UVP, OTP,SIP, NLO	OCP, OVP, SCP, OPP, UVP, OTP,SIP, NLO
Dimensions (L × W × H)	140 × 150 × 86 mm	140 × 150 × 86 mm	140 × 150 × 86 mm



Noise /
Efficiency

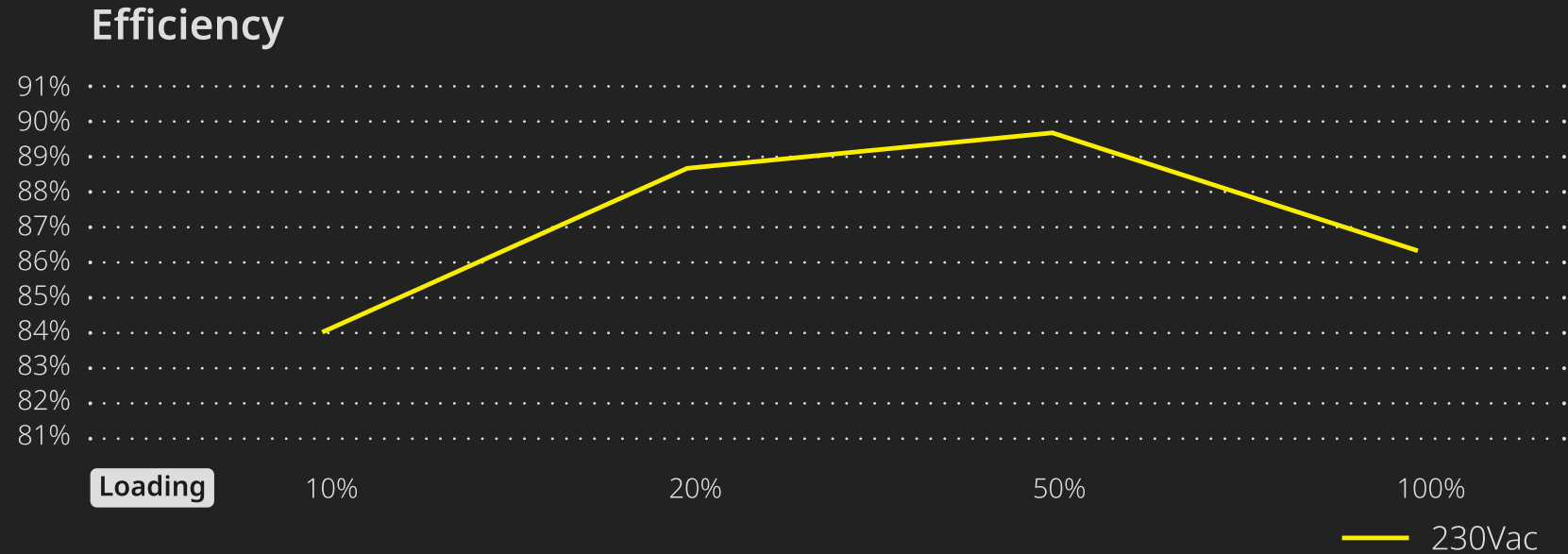
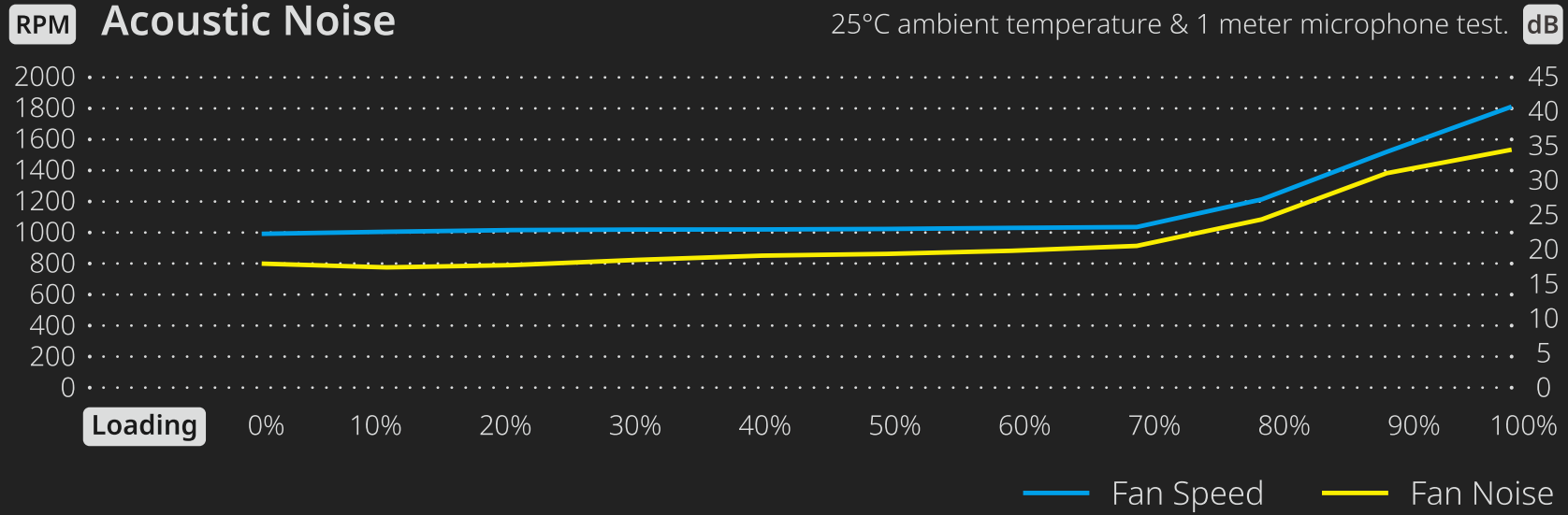
550W

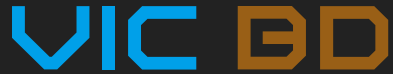




Noise /
Efficiency

650W



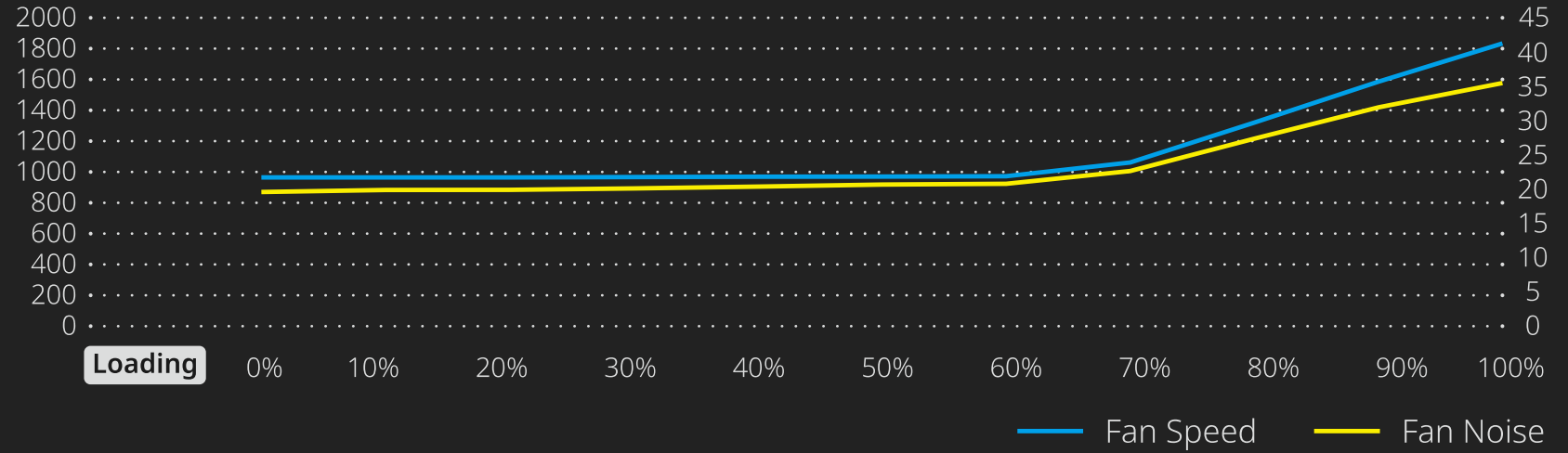


Noise /
Efficiency

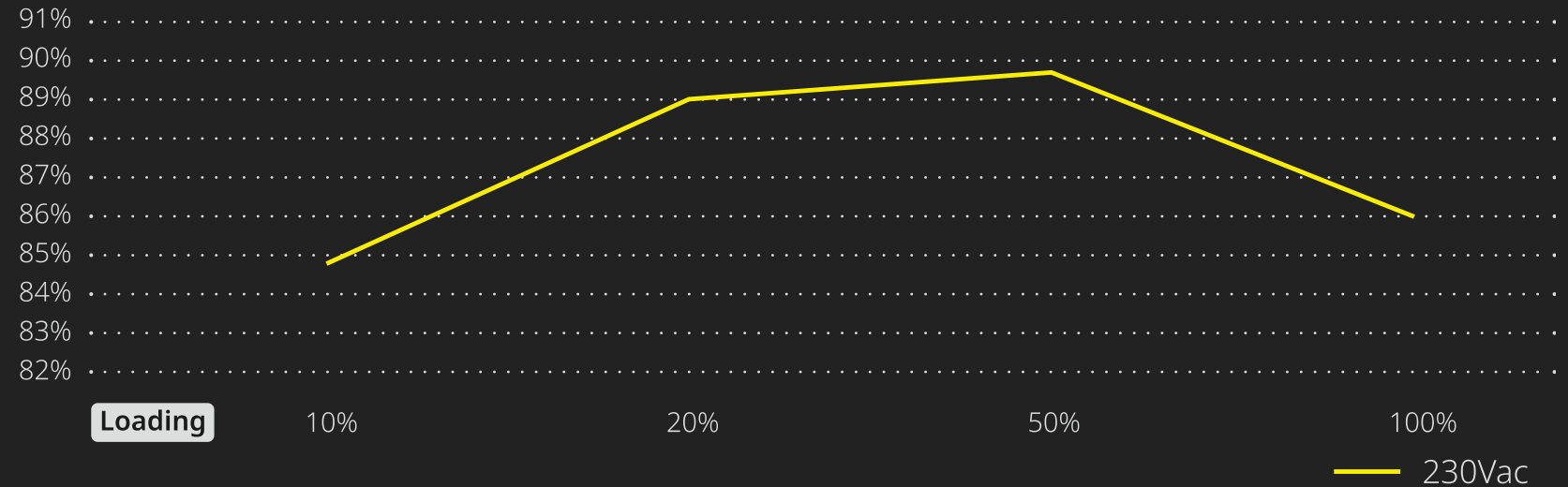
750W

RPM Acoustic Noise

25°C ambient temperature & 1 meter microphone test. dB



Efficiency



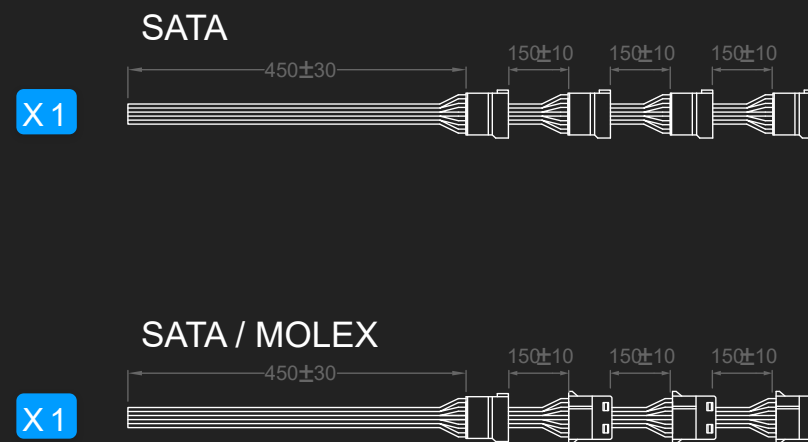
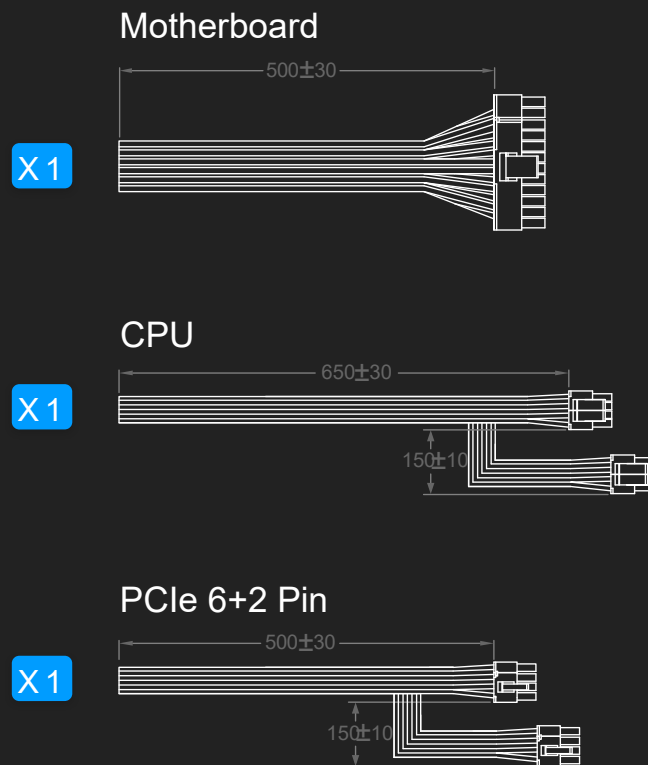


VIC BD

Cable /
Connector

550W
650W

MB 20+4 PIN	X 1
PCIe 4+4 PIN	X 2
PCIe 6+2 PIN	X 2
SATA	X 5
MOLEX	X 3



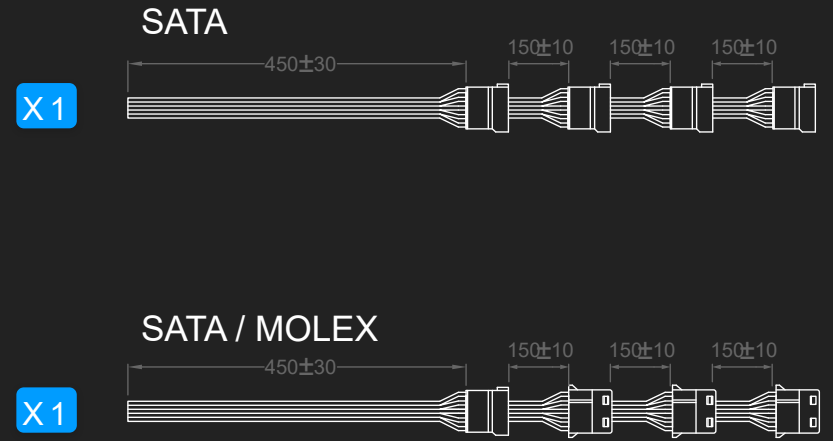
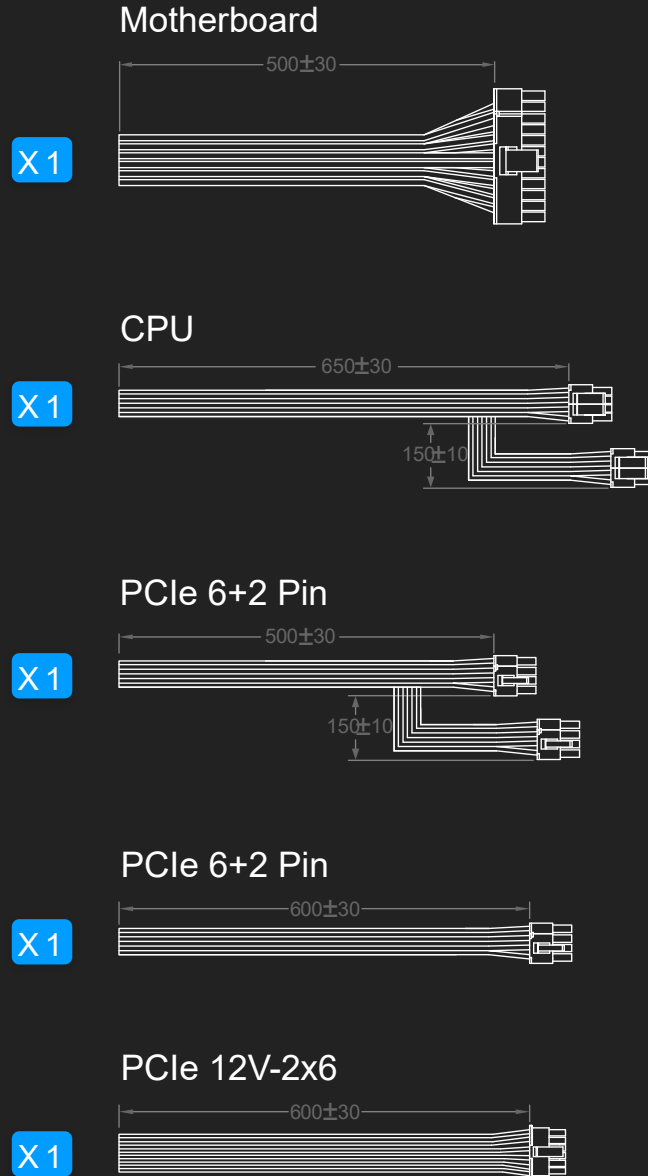


VIC BD

Cable /
Connector

750W

MB 20+4 PIN	X 1
PCIe 4+4 PIN	X 2
PCIe 6+2 PIN	X 3
PCIe 12V-2x6	X 1
SATA	X 5
MOLEX	X 3





VIC BD

Rating

550W
650W

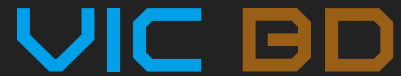
VIC-550BD					
AC Input	200-240V~ 6-3A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	45.8A	0.3A	3.0A
Max Combined Power	80W		549.6W	3.6W	15W
Total Power	550W				
VIC-650BD					
AC Input	200-240V~ 6-3A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	54.1A	0.3A	3.0A
Max Combined Power	80W		649.2W	3.6W	15W
Total Power	650W				



VIC BD

Rating
750W

VIC-750BD					
AC Input	200-240V~ 6-3A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	62.5A	0.3A	3.0A
Max Combined Power	80W		750W	3.6W	15W
Total Power	750W				



Package Information

	VIC-550BD	VIC-650BD	VIC-750BD
EAN Code	(B) 4711498482693 (W) 4711498482839	(B) 4711498482679 (W) 4711498482815	(B) 4711498482686 (W) 4711498482822
UPC Code	NA	NA	NA
Retail Box Dimensions (L × W × H)	255 × 200 × 95	255 × 200 × 95	255 × 200 × 95
Retail Box Weight	1.675	1.842	1.842
Carton Dimension (L × W × H)	551 × 428 × 237	551 × 428 × 237	551 × 428 × 237
Carton Quantity	8	8	8
Carton Weight	17.13	18.44	18.44
Pallet Quantity (pcs x cnt x layer)	224	224	224
Country of Origin	China	China	China
Warranty	3 Years	3 Years	3 Years



THANK

IF YOU HAVE ANY QUESTIONS OR CONCERNS ,
PLEASE CONTACT ME

YOU

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