



VITA PM

750W / 850W / 1000W



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Features

- Complies with ATX 12V V3.1 & EPS 12V V2.92
- Efficiency $\geq 92\%$ @ typical load
- 80 PLUS® Platinum certified
- Cybenetics Platinum certified
- 105°C Japanese bulk capacitor
- 120 mm fluid dynamic bearing (FDB) fan
- Fully modular cabling design
- Complete protections:
OCP, OVP, SCP, OPP, UVP, OTP, SIP, NLO





Complies with Intel® power design guide **ATX 3.1**

Following the latest ATX3.1 regulation and PCIe Gen 5, the PSUs can hold up to the maximum total power excursion



High efficiency in **Platinum** - certified

Certified by world-class organizations 80 PLUS® and Cybenetics with platinum certifications for lower power loss, less heat, and quieter operation





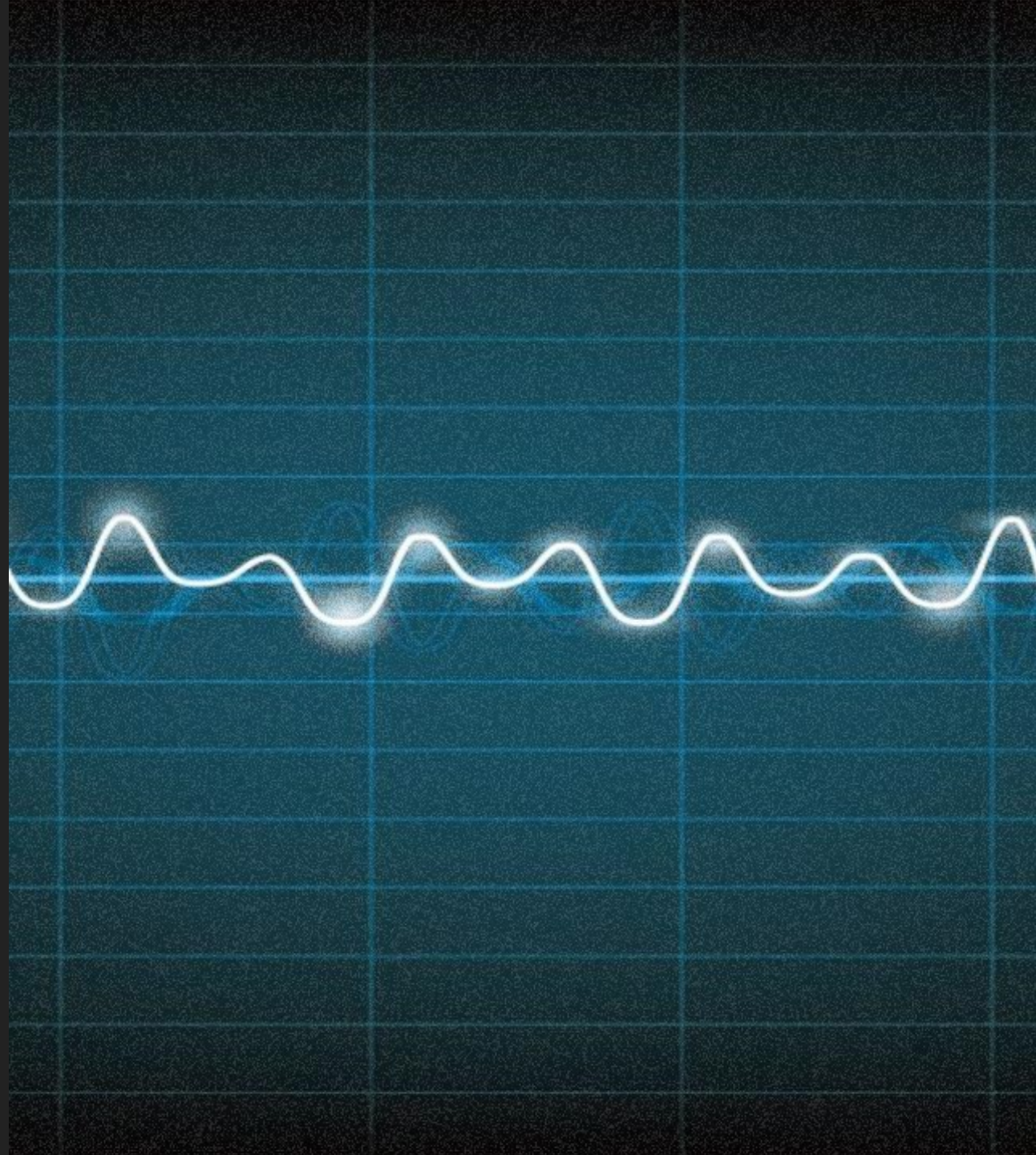
LLC resonant-converter topology with synchronous rectifier

Reducing switching losses, boosting efficiency, and keeping the output voltage regulated under load conditions.



+5V & 3.3V DC to DC circuit design

Increase the efficiency and stabilize the output voltage to ensure system stability.





105°C Japanese bulk capacitor

Maximize reliability and performance by using top-quality Japanese electrolytic capacitors for a longer lifespan.



120 mm fluid dynamic bearing (FDB) fan

Quality bearing keeps fan noise to a minimum while providing maximum cooling performance.





Fully modular cabling design

To make power supply installation easy and allows users to use only the needed cables, improving airflow and reducing system clutter.



Compact PSU size : 140 × 150 × 86 mm

140mm in length which is relatively shorter than industry standard, it's ideal for compact PC or space-constraint environment without compromising on performance.





VITA PM

Specifications 1

| | VITA-750PM | VITA-850PM | VITA-1000PM |
|-----------------|-------------------|-----------------------|-----------------------|
| Wattage | 750W | 850W | 1000W |
| Form Factor | ATX12V V3.1 | ATX12V V3.1 | ATX12V V3.1 |
| Efficiency | 92% | 92% | 92% |
| 80 PLUS® | Platinum | Platinum | Platinum |
| Cybenetics | Platinum | Platinum | Platinum |
| Gen 5 Connector | Yes | Yes | Yes |
| Modularity | Fully modular | Fully modular | Fully modular |
| PFC Type | Active ≥ 0.9 | Active ≥ 0.9 | Active ≥ 0.9 |
| Input Voltage | 100-240V | 100-240V; 200-240V | 100-240V; 200-240V |
| Input Current | 10-5A | 11-5.5A; 5.5A | 12-6A; 6A |



VITA PM

Specifications 2

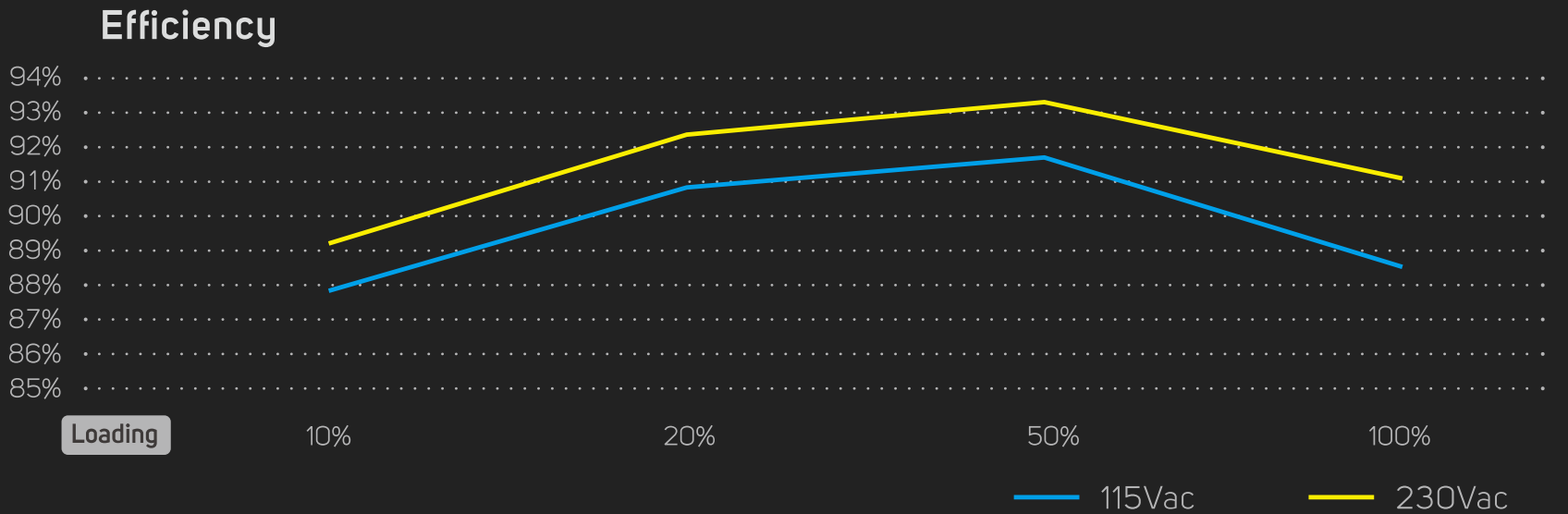
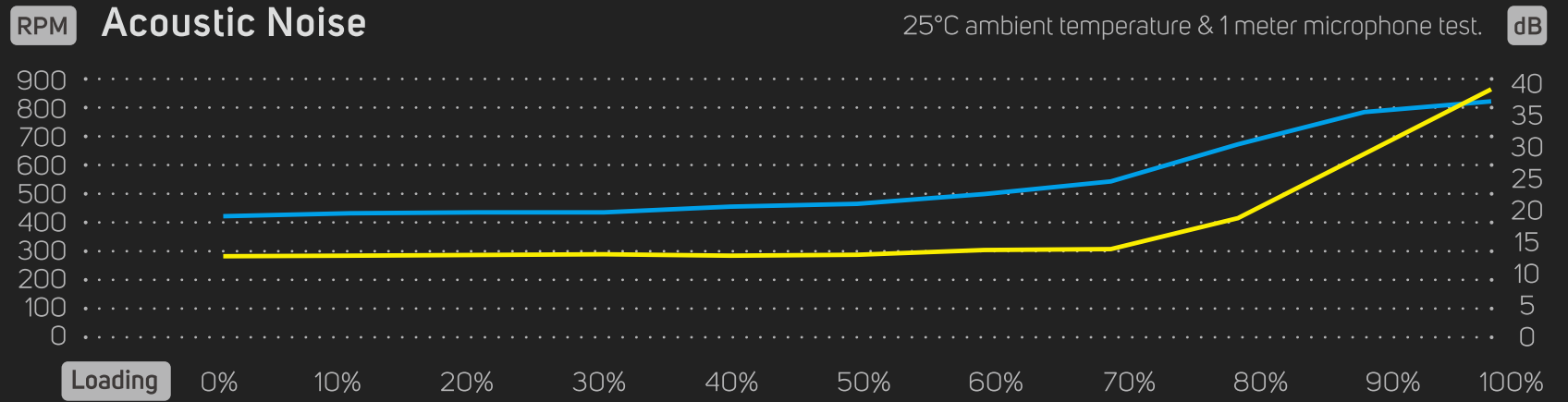
| | VITA-750PM | VITA-850PM | VITA-1000PM |
|------------------------|--|--|--|
| Input Frequency | 50-60Hz | 50-60Hz | 50-60Hz |
| Output Capacity | 750W | 850W | 1000W |
| Max. Output Power | 750W | 850W | 1000W |
| Fan Size | 120mm | 120mm | 120mm |
| Fan Bearing | Fluid Dynamic Bearing (FDB) | Fluid Dynamic Bearing (FDB) | Fluid Dynamic Bearing (FDB) |
| Operating Temperature | 40°C | 40°C | 40°C |
| Hold Up Time | 12ms @ 100% Load | 12ms @ 100% Load | 12ms @ 100% Load |
| MTBF | 100,000 Hrs | 100,000 Hrs | 100,000 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 |



VITA PM

Noise /
Efficiency

VITA 750 PM

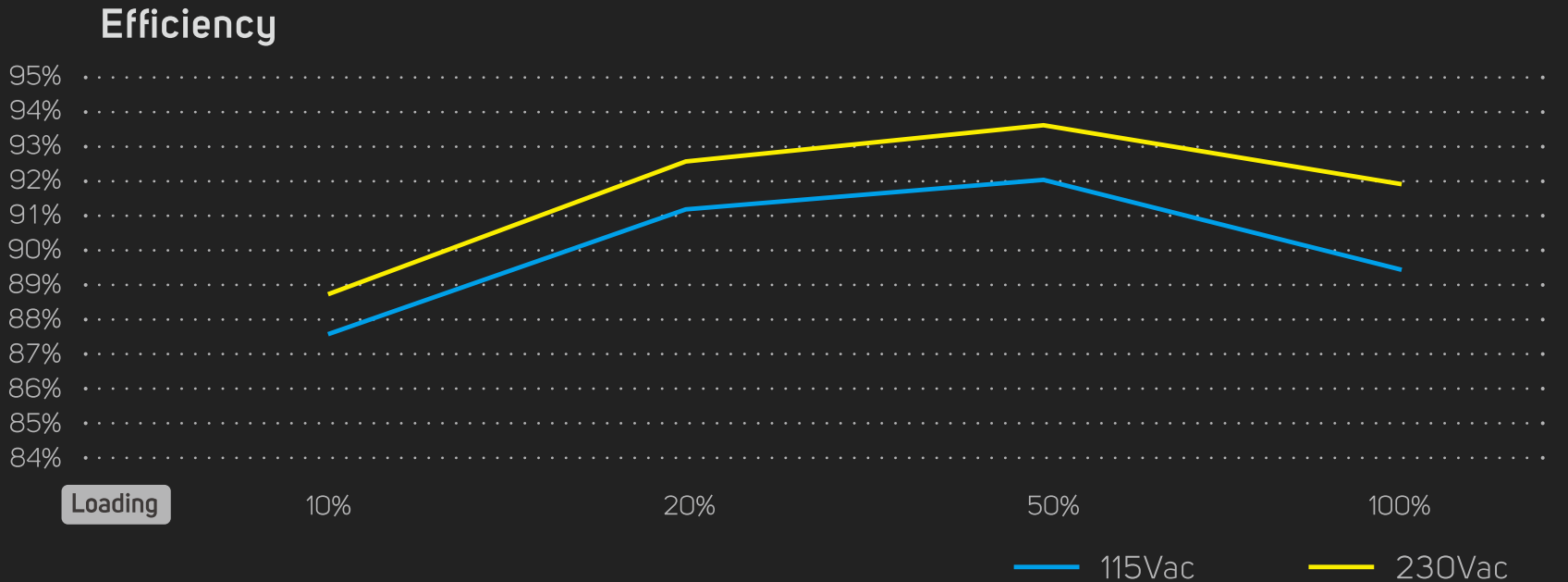
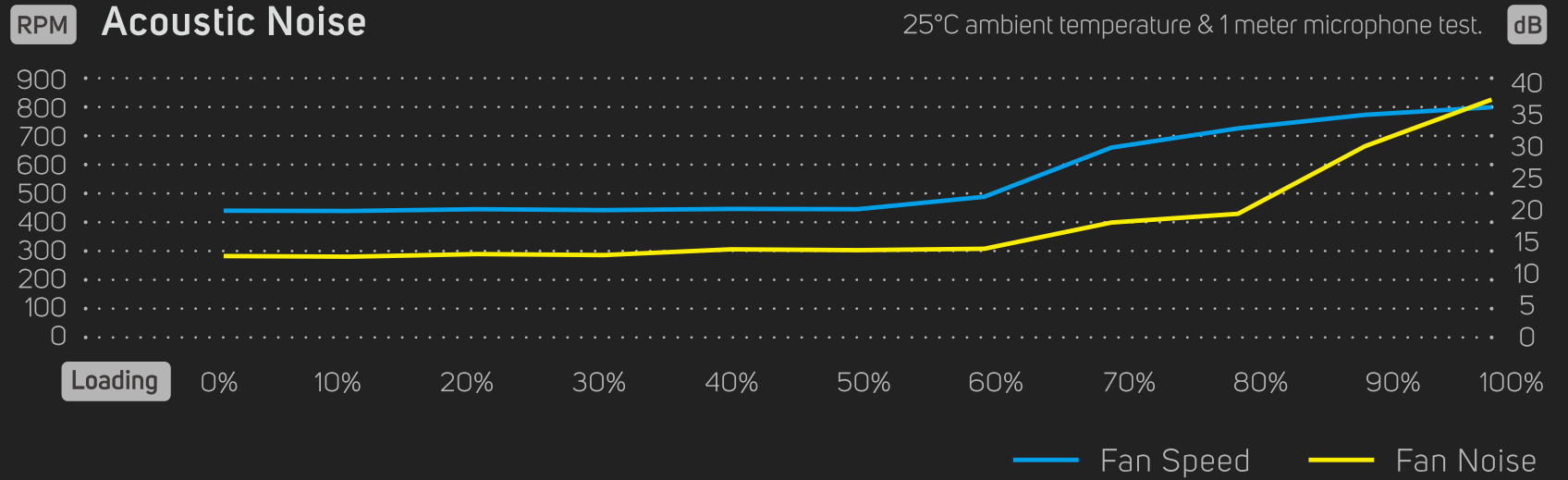




VITA PM

Noise /
Efficiency

VITA 850 PM

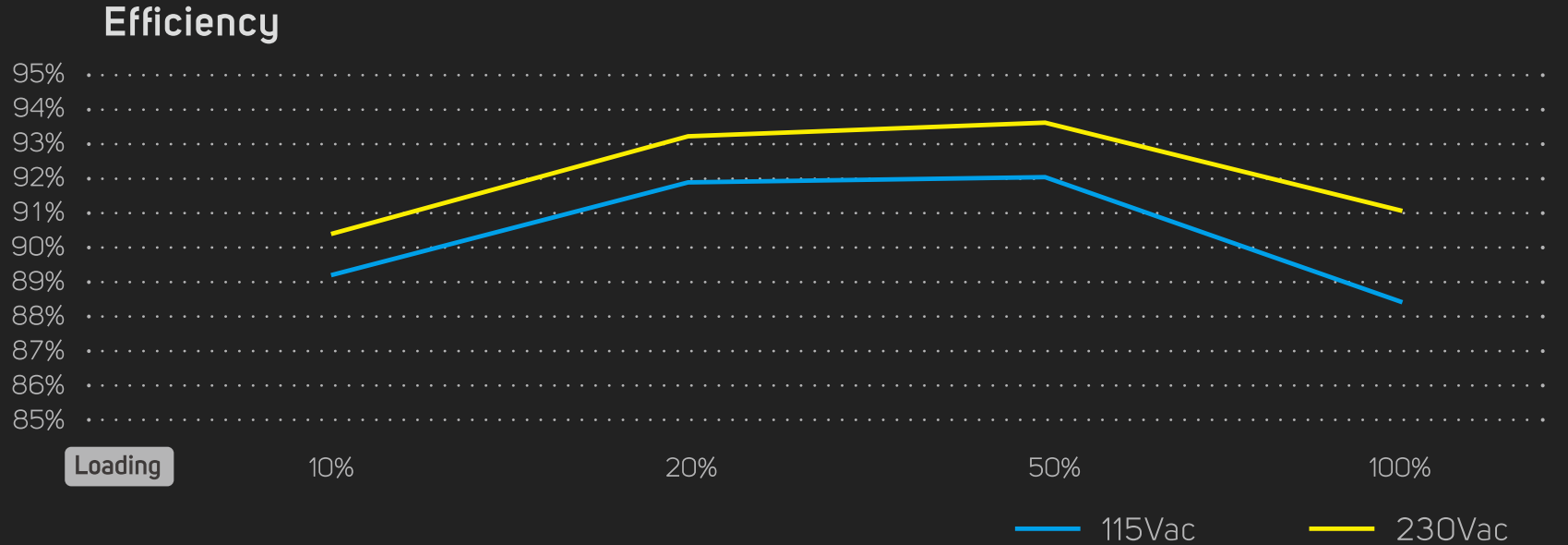
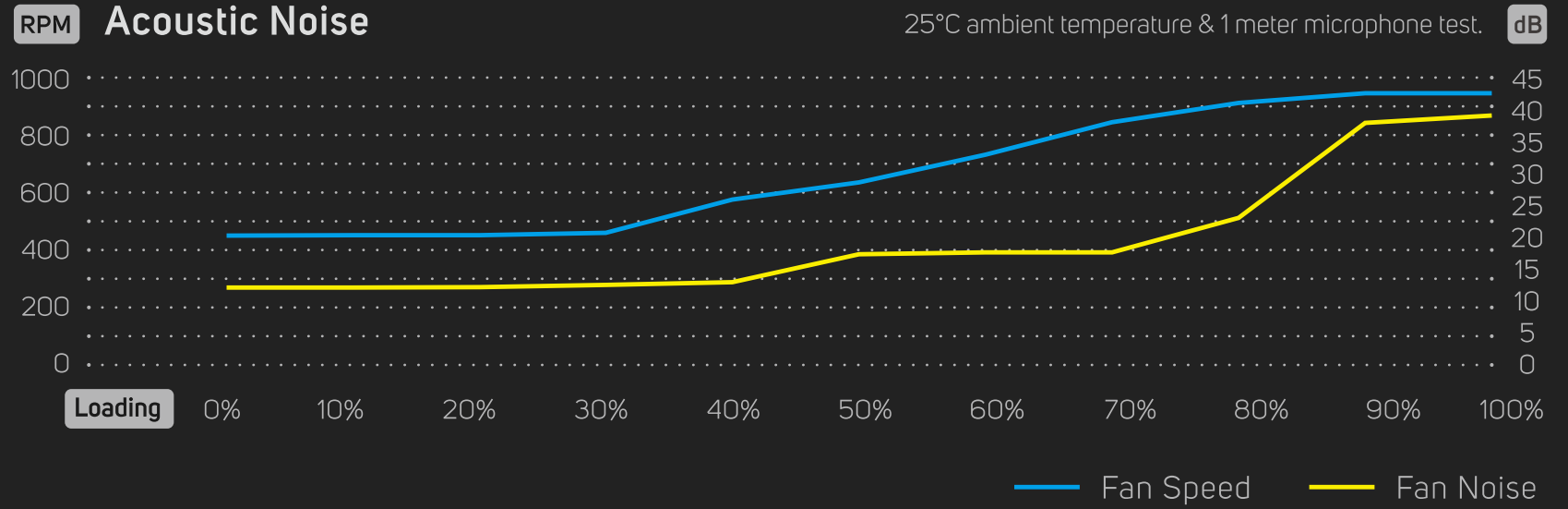




VITA PM

Noise /
Efficiency

VITA 1000 PM



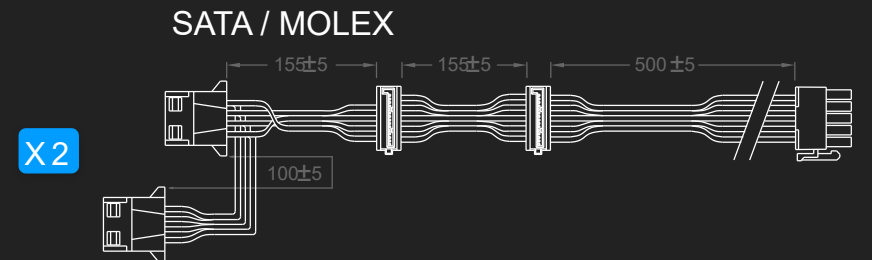
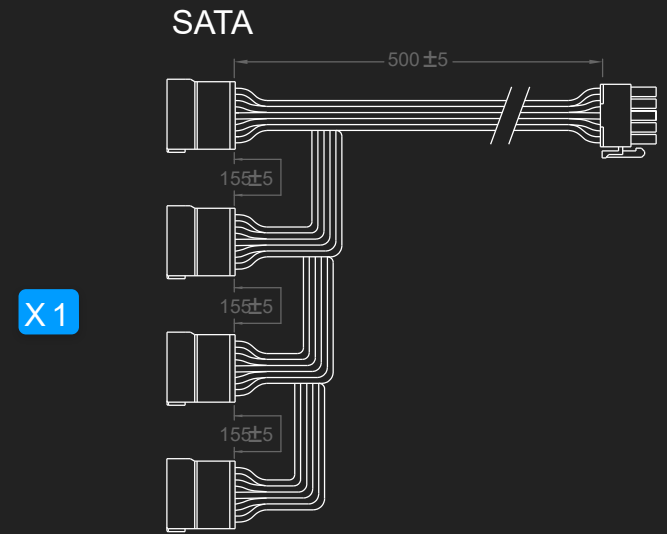
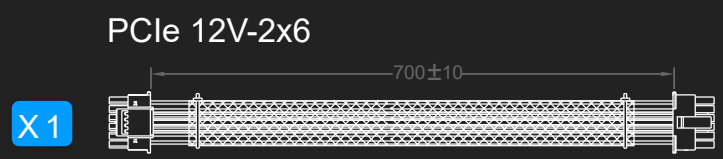
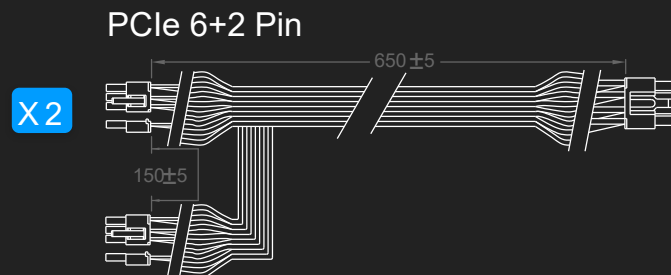
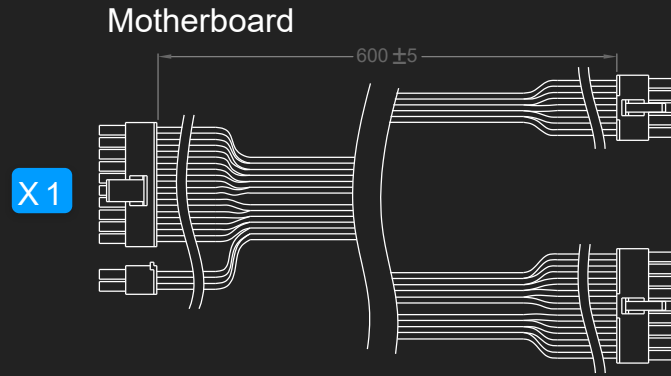


VITA PM

Cable /
Connector

VITA 750 PM
VITA 850 PM
VITA 1000 PM

- MB 20+4 PIN **X 1**
- PCIe 4+4 PIN **X 2**
- PCIe 6+2 PIN **X 4**
- PCIe 12V-2x6 **X 1**
- SATA **X 8**
- MOLEX **X 4**





VITA PM

Rating

VITA 750 PM
VITA 850 PM

VITA-750PM

| | | | | | |
|--------------------|-------------------------|-----|-------|------|-------|
| AC Input | 100-240V~ 10-5A 50-60Hz | | | | |
| DC Output | +3.3V | +5V | +12V | -12V | +5Vsb |
| Max Output Current | 20A | 20A | 62.5A | 0.3A | 3.0A |
| Max Combined Power | 100W | | 750W | 3.6W | 15W |
| Total Power | | | 750W | | |

VITA-850PM

| | | | | | |
|--------------------|---------------------------|-----|--------|------|-------|
| AC Input | 100-240V~ 11-5.5A 50-60Hz | | | | |
| DC Output | +3.3V | +5V | +12V | -12V | +5Vsb |
| Max Output Current | 20A | 20A | 70.83A | 0.3A | 3.0A |
| Max Combined Power | 100W | | 850W | 3.6W | 15W |
| Total Power | | | 850W | | |



VITA PM

Rating

VITA 1000 PM

VITA-1000PM

| | | | | | |
|--------------------|-------------------------|-----|--------|------|-------|
| AC Input | 100-240V~ 12-6A 50-60Hz | | | | |
| DC Output | +3.3V | +5V | +12V | -12V | +5Vsb |
| Max Output Current | 20A | 20A | 83.33A | 0.3A | 3.0A |
| Max Combined Power | 100W | | 1000W | 3.6W | 15W |
| Total Power | 1000W | | | | |



VITA PM

Package Information

| | VITA-750PM | VITA-850PM | VITA-1000PM |
|-------------------------------|--|--|--|
| EAN Code (Black / White) | (B) 4711498482341 (W) 4711498482877 | (B) 4711498482358 (W) 4711498482884 | (B) 4711498482365 (W) 4711498482891 |
| UPC Code (Black / White) | (B) 845685016232 (W) 845685016485 | (B) 845685016249 (W) 845685016492 | (B) 845685016256 (W) 845685016508 |
| Retail Box Dimensions (L×W×H) | 298 × 216 × 99mm | 298 × 216 × 99mm | 298 × 216 × 99mm |
| Retail Box Weight | 2.40KG | 2.62KG | 2.62 KG |
| Carton Dimension (L×W×H) | 539 × 250 × 323 mm | 539 × 250 × 323 mm | 539 × 250 × 323 mm |
| Carton Quantity | 5 | 5 | 5 |
| Carton Weight | 14.69KG | 15.8KG | 15.8KG |
| Pallet Quantity | 160 | 160 | 160 |
| Country of Origin | China | China | China |
| Warranty | 10 Years | 10 Years | 10 Years |





THANK

IF YOU HAVE ANY QUESTIONS OR CONCERNS ,
PLEASE CONTACT ME

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YOU

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