FSP

VITA PM

750W / 850W / 1000W

80 PLUS® PLATINUM

CYBENETICS PLATINUM



2025 FSP TECHNOLOGY INC. All Rights Reserved.

Features

- Complies with ATX 12V V3.1 & EPS 12V V2.92
- Efficiency ≧ 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



FSP

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

80 PLUS® PLATINUM

CYBENETICS PLATINUM

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

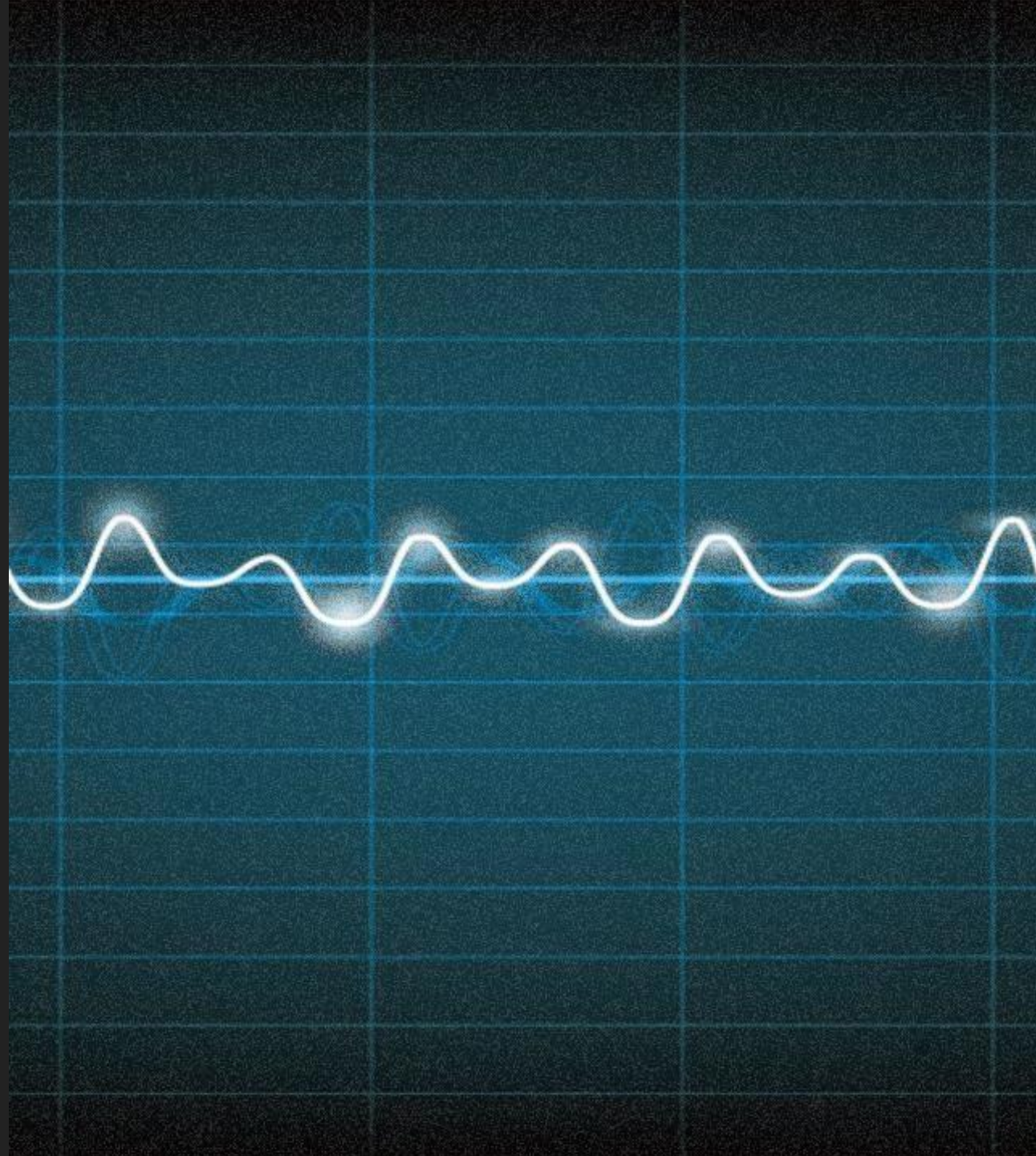


LLC resonant-converter topology with synchronous rectifier

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.



FSP

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.



FSP

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

FSP

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

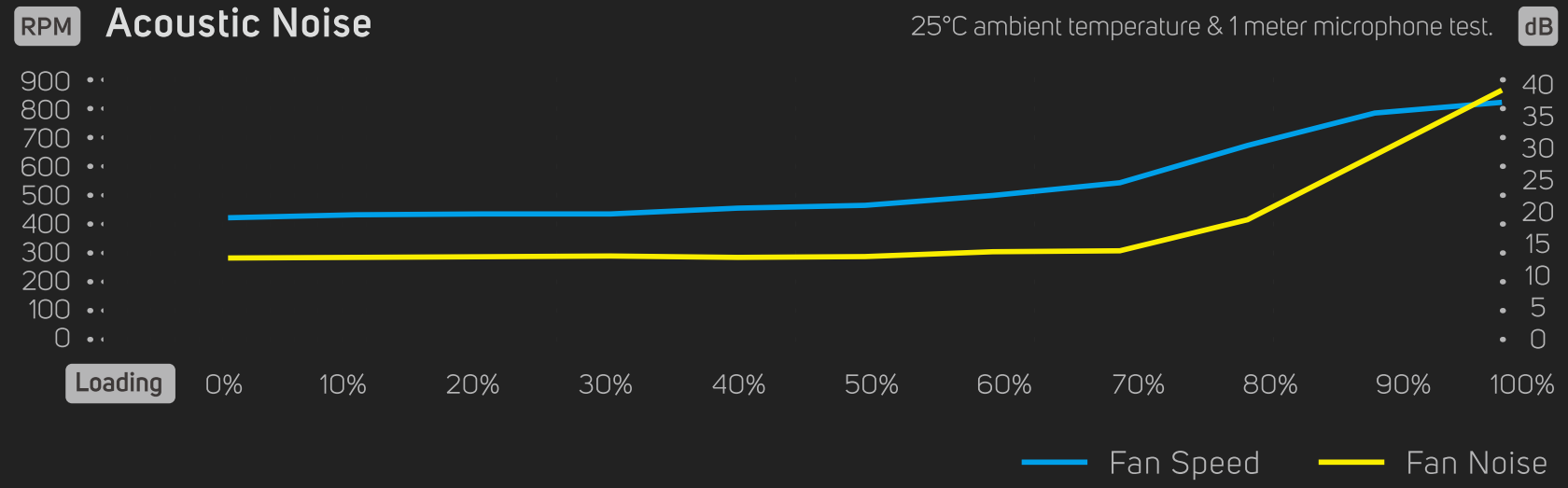
FSP

VITA PM

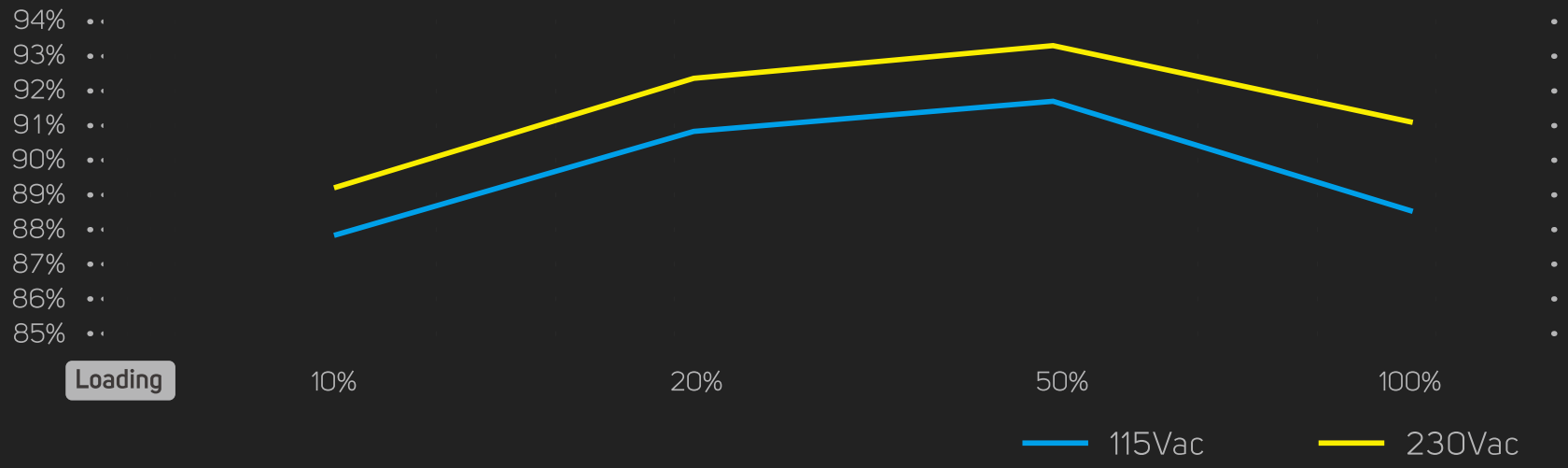
Noise / Efficiency

VITA 750 PM

Acoustic Noise



Efficiency



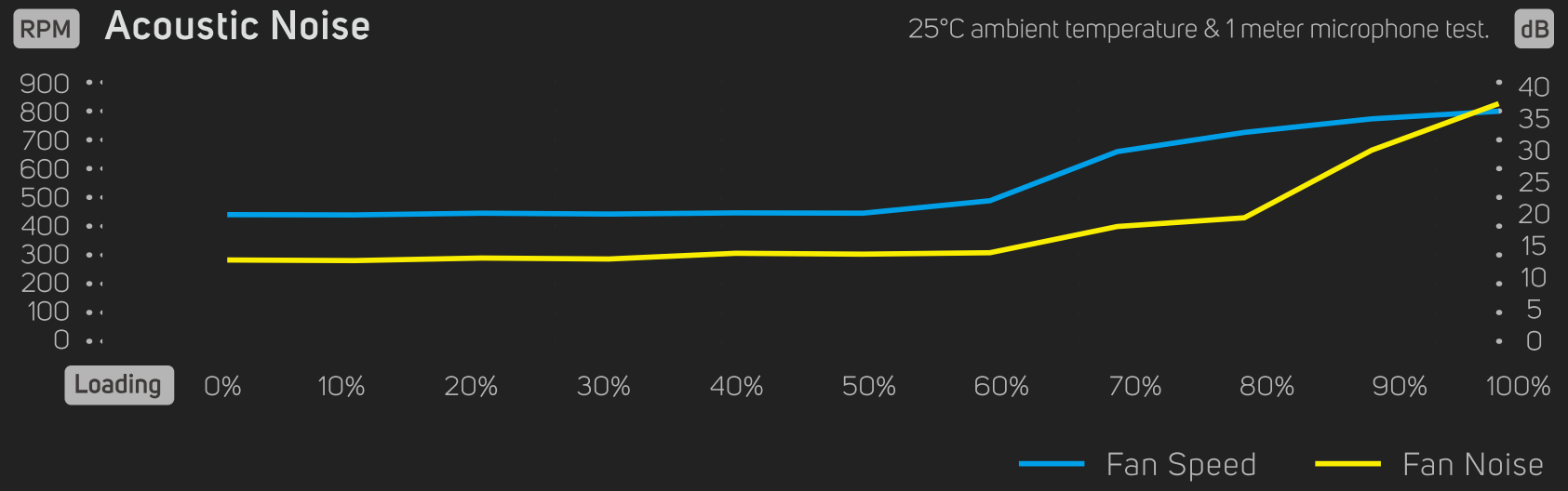
FSP

VITA PM

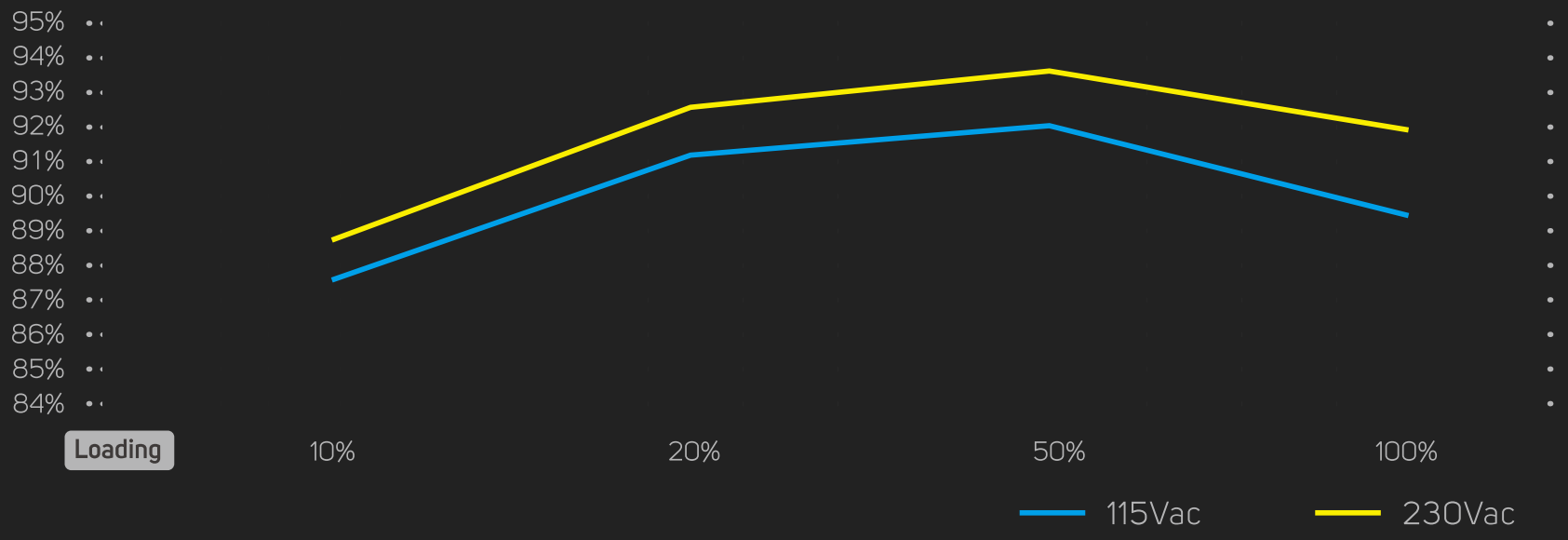
Noise / Efficiency

VITA 850 PM

Acoustic Noise



Efficiency



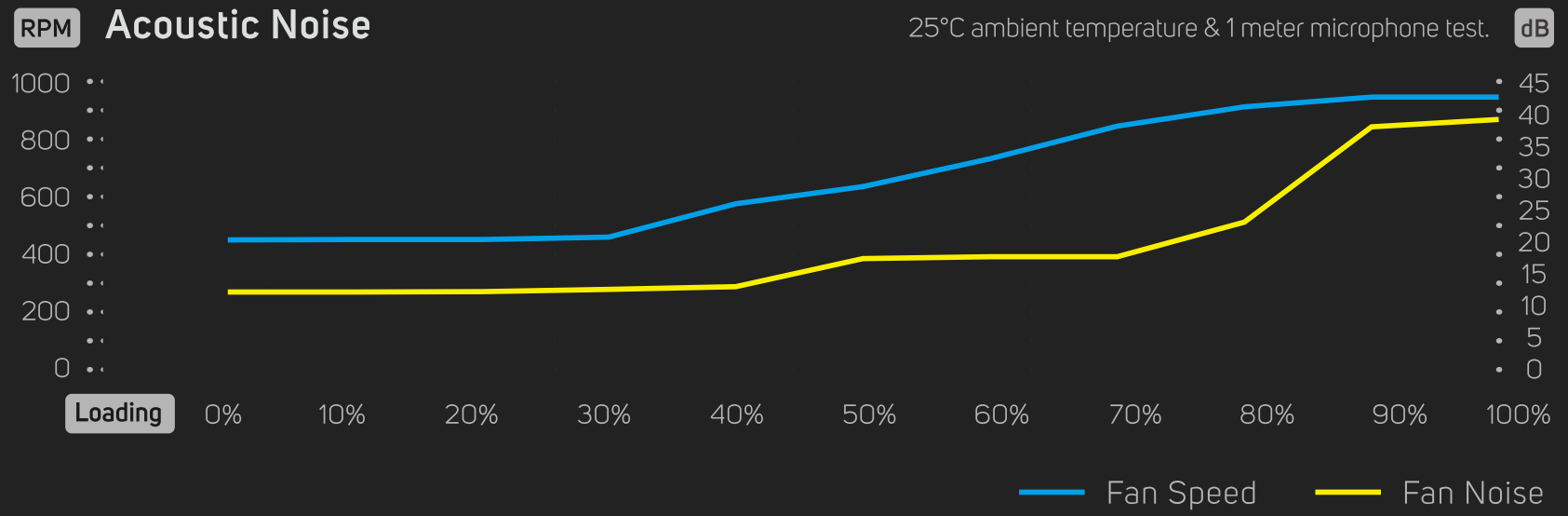
FSP

VITA PM

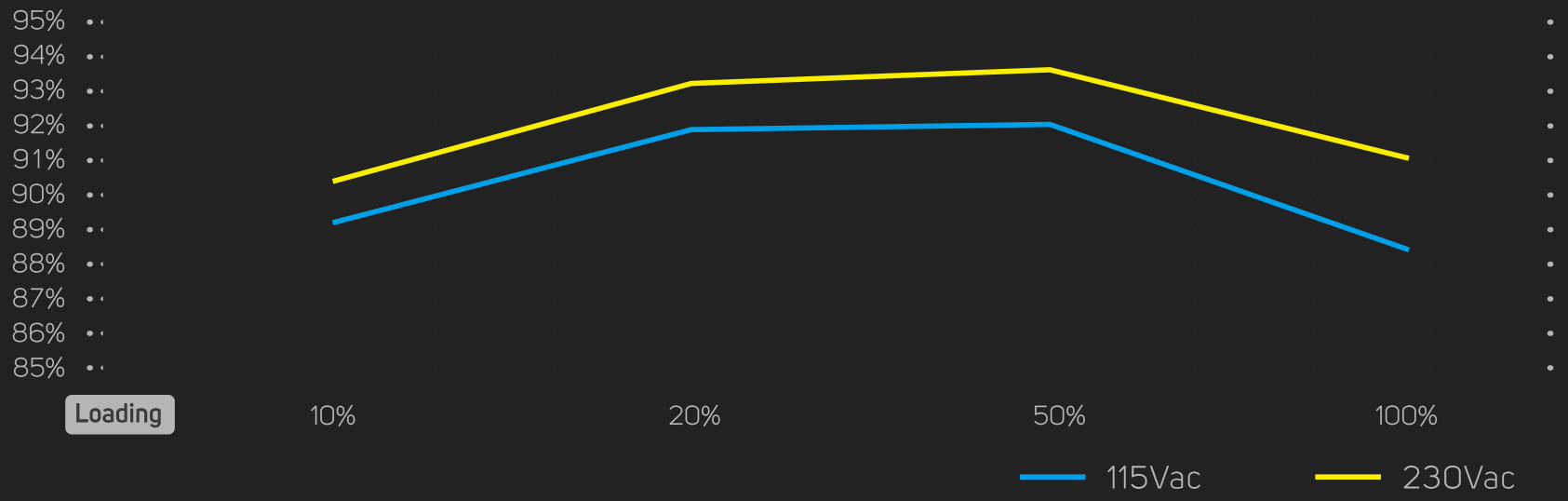
Noise / Efficiency

VITA 1000 PM

Acoustic Noise



Efficiency



FSP

VITA PM

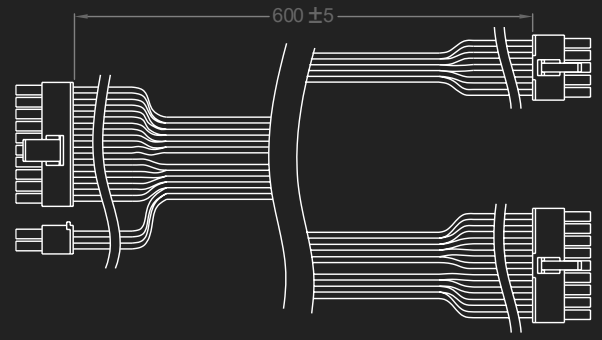
Cable / Connector

VITA 750 PM
VITA 850 PM
VITA 1000 PM

MB 20+4 PIN	X1
PCIe 4+4 PIN	X2
PCIe 6+2 PIN	X4
PCIe 12V-2x6	X1
SATA	X8
MOLEX	X4

Motherboard

X1



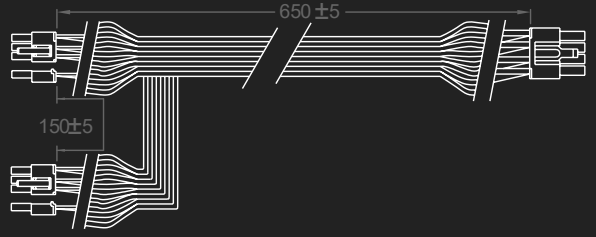
CPU

X2



PCIe 6+2 Pin

X2



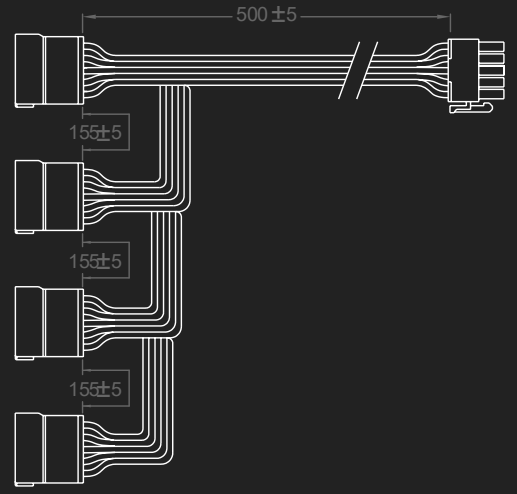
PCIe 12V-2x6

X1



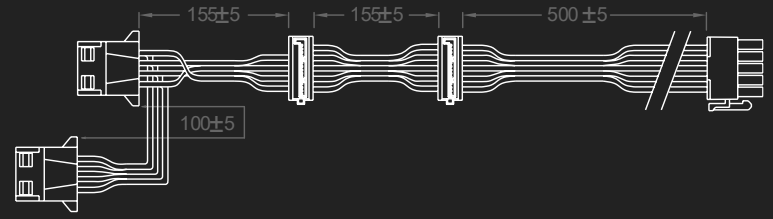
SATA

X1



SATA / MOLEX

X2



FSP

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				

FSP

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				

FSP

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


FSP
80 PLUS PLATINUM
FSP
VITA PM 1000W
PCIe 5.1
ATX 3.1
Japanese Bulk Cap
FDB Fan
10 10 Years Warranty
1000W
VITA PM
POWER NEVER ENDS

THANK YOU

IF YOU HAVE ANY QUESTIONS OR CONCERNS ,
PLEASE CONTACT ME

XXXXX@FSP-GROUP.COM.TW

www.FSPLifeStyle.com