



# CANNON PRO

2500W





## Features

- Efficiency  $\geq$  94% @ typical load
- 80 PLUS® 230V EU platinum certified
- Provide 4 native PCIe 12V-2x6 connectors and cables
- Support more than 4 pcs RTX4090 graphic cards
- 420V 105°C Japanese bulk capacitor
- Quiet and long-lasting 135mm silent fan
- Fully modular cabling design
- Off-Wet, off-dust and off-stain conformal coating
- Complete protections: OCP, OVP, SCP, OPP, UVP, OTP





## The Future is Now : ATX3.1 & PCIe Gen 5.1 Ready

Following the latest ATX3.1 & PCIe Gen 5.1 regulation, this series supports 2 x total power excursion and 3 x GPU excursion to provide peak performance with modern hardware or future upgrades.



## High efficiency in Platinum-certified

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





## Ready to Build Your Own AI PC Station

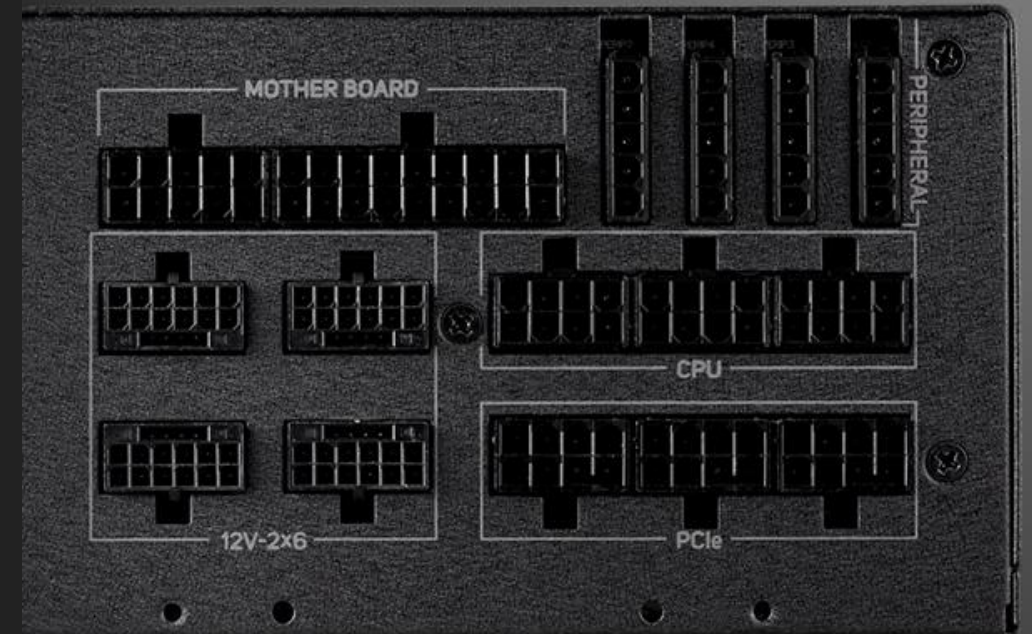
### 4 x PCIe 12V-2x6 connectors and 8 pin connectors

PCIe 8 Pin connectors and native 12V-2x6 connectors offer flexible configuration for even the most power-hungry NVIDIA or AMD graphics cards.



## 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.



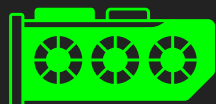


Heads-up for NVIDIA Users!

## Support MAX. 5 pcs of GeForce RTX™ 4090 Graphic Cards

Thanks to the variety of PCIe cables, you can easily support high-power graphics cards.

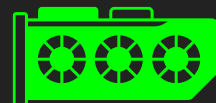
RTX 4090 Graphics Card



x4

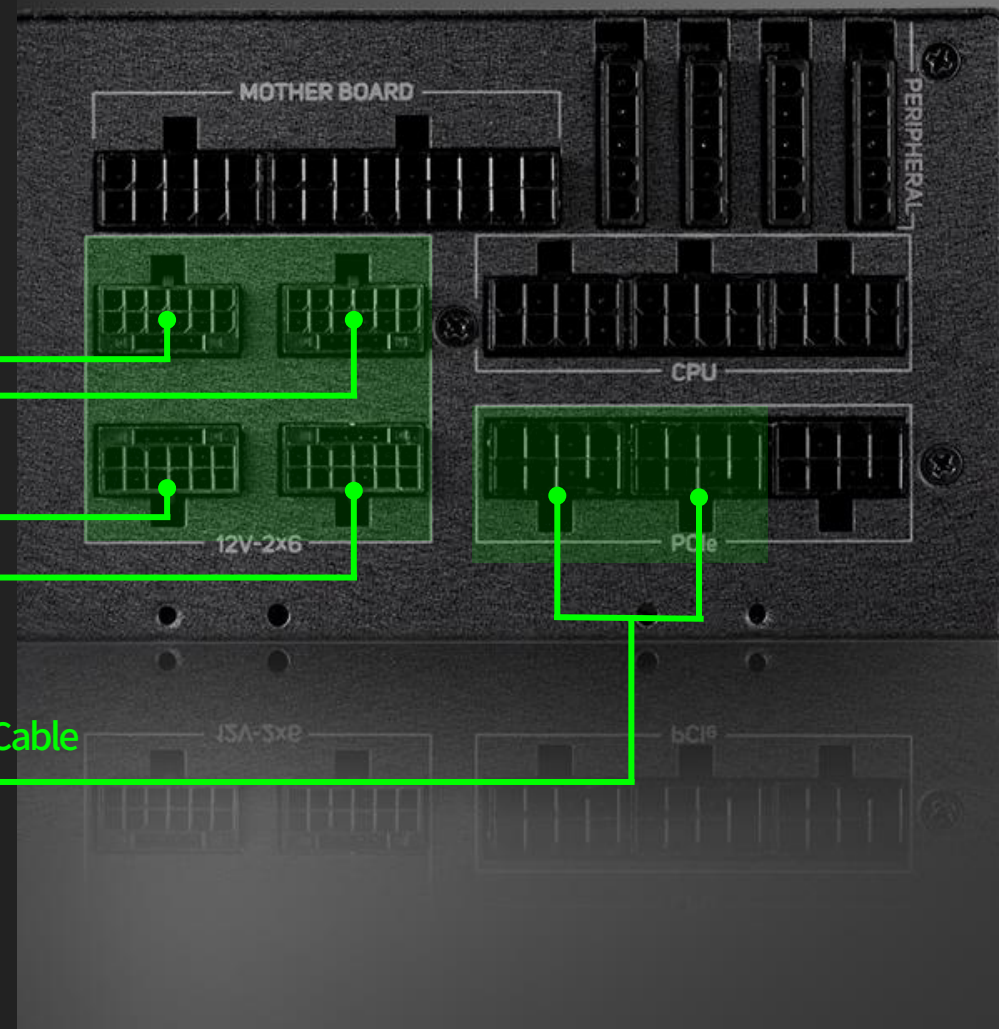
PCIe 12V-2x6 Cable

RTX 4090 Graphics Card



x1

PCIe 6+2 Pin to 12V-2x6 Cable



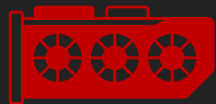


Heads-up for AMD Users!

## Support MAX. 5 pcs of Radeon™ RX 7900 Graphic Cards

Thanks to the variety of PCIe cables, you can easily support high-power graphics cards.

RX 7900 Graphics Card



x4

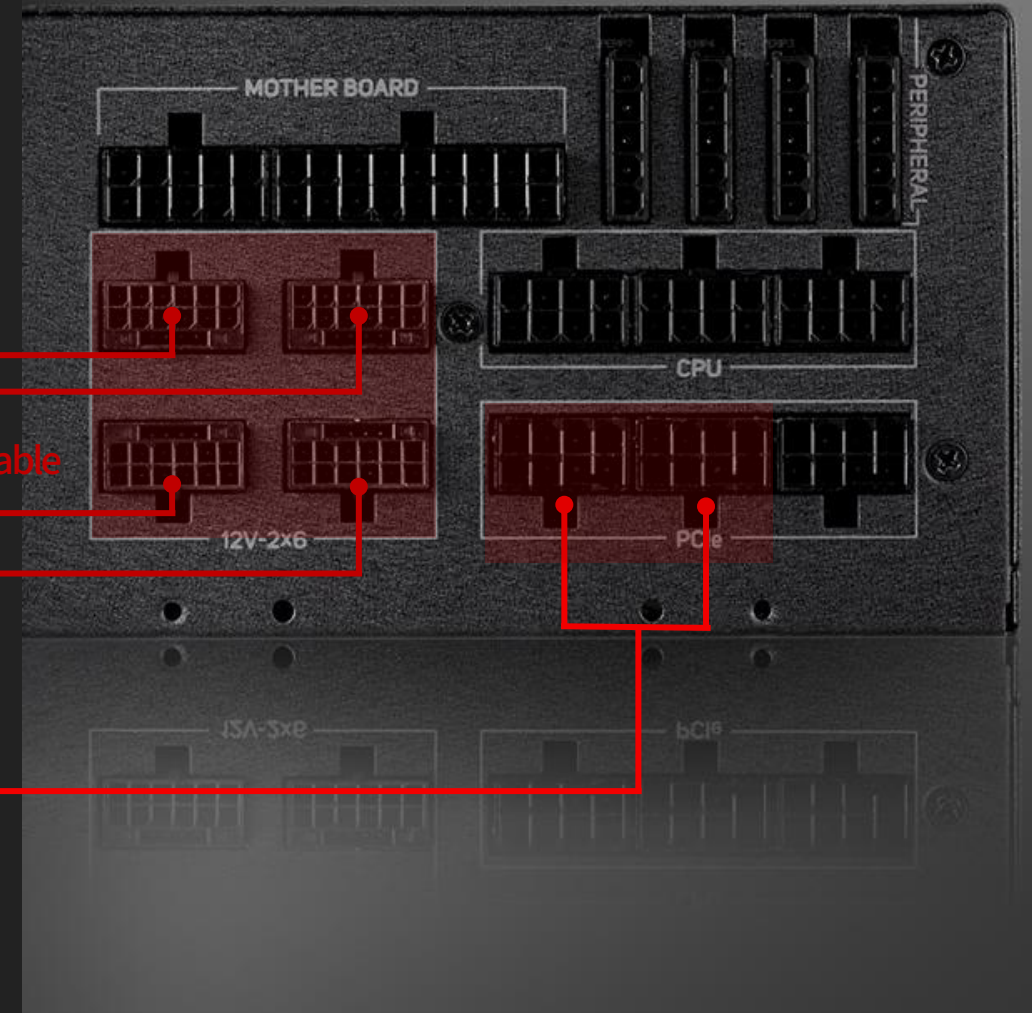
PCIe 12V-2x6 to 6+2 Pin Cable

RX 7900 Graphics Card



x1

PCIe 6+2 Pin Cable





## Powerhouse yet energy-saving

High energy conversion up to 94% and 60% efficiency at 2% loading, with less than 0.5W consumption in standby mode, ensures an energy-efficient, cost-effective system that is also eco-friendly.





## The premium quality FDB bearing

Built with optimized thermal solution and an advanced 135mm fluid dynamic bearing fan for cooler components and quieter operation.



## +5V & 3.3V DC to DC circuit design

Both of +3.3V and +5V DC – DC module combined +12V SR circuit offers supreme efficiency, voltage stability and high system compatibility especially in cross regulation (unbalance load) mode.







## 105°C Japanese bulk capacitor

The bulk capacitor inside serves to support working under an extremely harsh environment, such as with high temperatures, peak voltage fluctuations. It stabilizes the performance for high reliability that your system can count on.

## Industrial – design: Conformal coating For Rigorous Computing Environments

Provide power stably under rigorous, high-speed computing environments that need to operate 24 hours a day without interruptions.





## Complete Protection

OCP, OVP, SCP, OPP, UVP, OTP

Our comprehensive circuit shields your valuable components from harm.





**CANNON** PRO

## Specifications 1

FSP2500-57APB	
Wattage	2500W
Form Factor	ATX12V V3.1
Efficiency	94%
80 PLUS®	230V EU Platinum
Cybenetics	NA
Gen 5 Connector	Yes
Modularity	Fully modular
PFC Type	Active $\geq 0.9$
Input Voltage	200-240V
Input Current	15A



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## Specifications 2

FSP2500-57APB	
Input Frequency	50-60Hz
Output Capacity	2500W
Max. Output Power	2500W
Fan Size	135mm
Fan Bearing	Fluid Dynamic Bearing
Operating Temperature	50°C
Hold Up Time	≥ 17ms @ 80% load
MTBF	100,000 Hrs
Protection	OCP, OVP, SCP, OPP, UVP, OTP
Dimensions(L x W x H)	200×150×86 mm



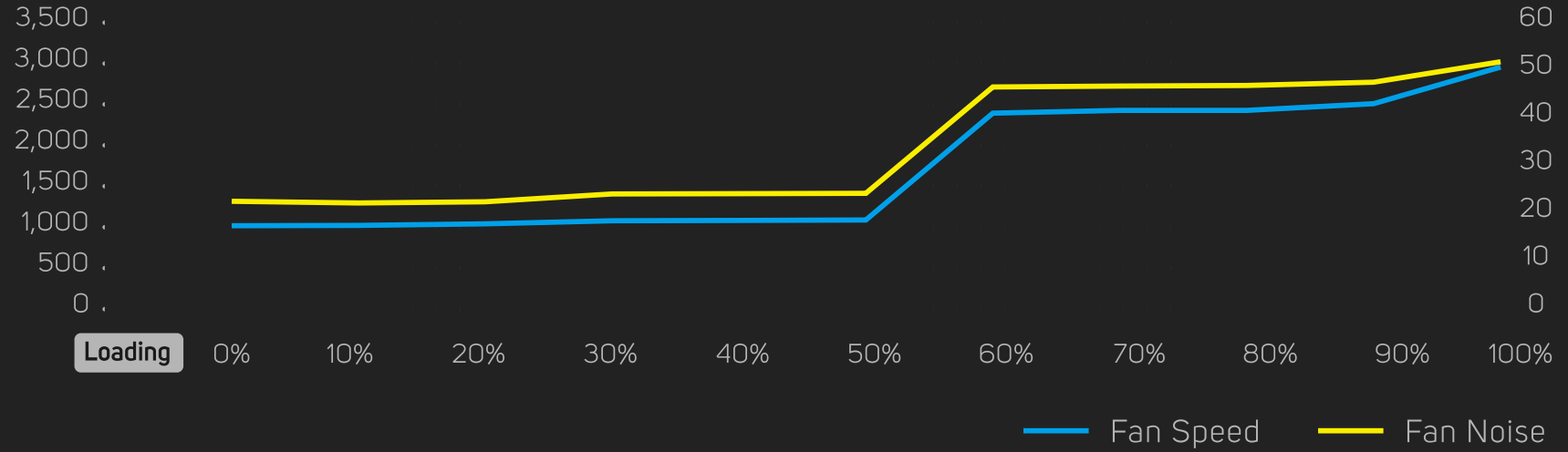
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Noise /  
Efficiency

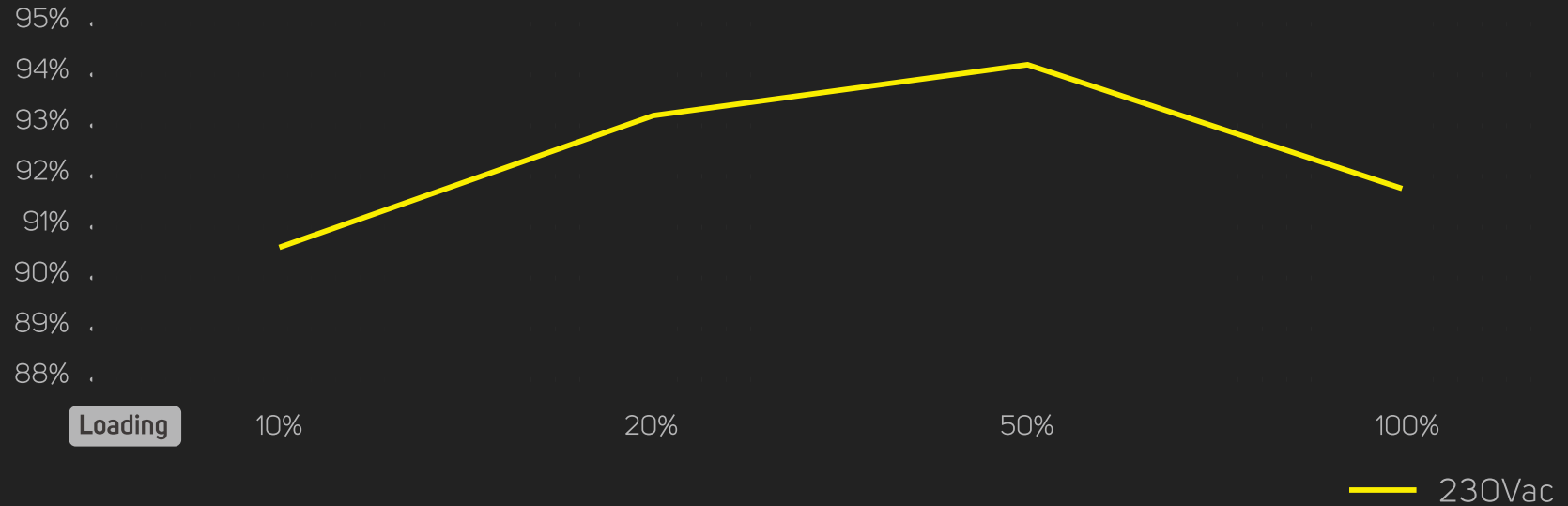
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### RPM Acoustic Noise

25°C ambient temperature & 1 meter microphone test.



### Efficiency





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Cable / Connector

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MB 20+4 PIN **X1**

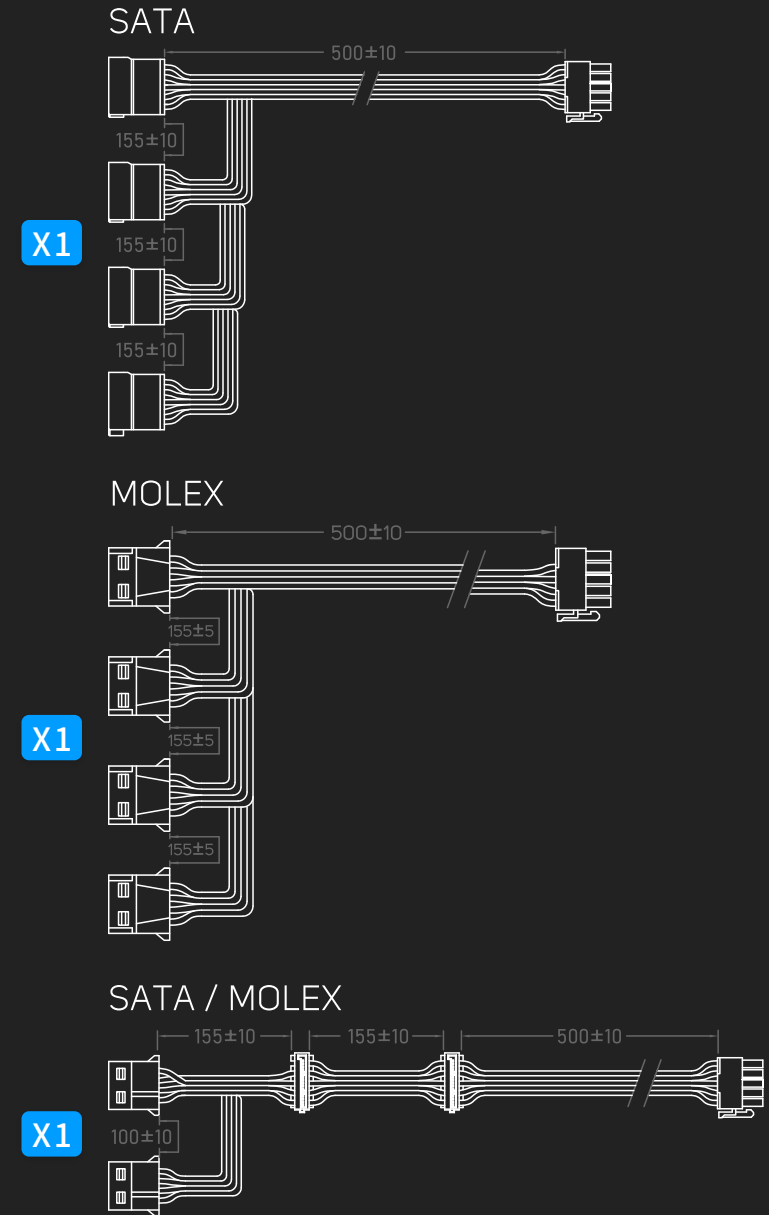
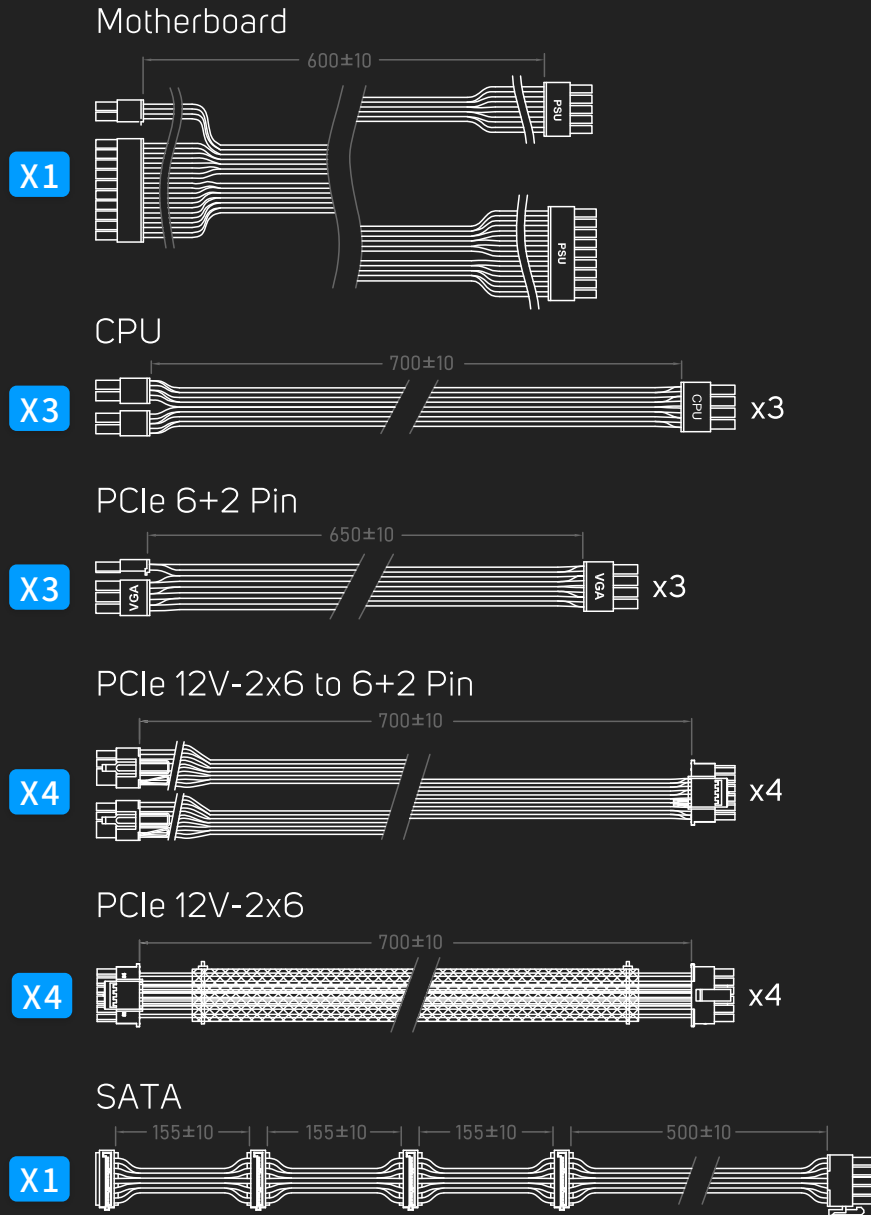
CPU 4+4 PIN **X3**

PCIe 6+2 PIN **X11**

PCIe 12V-2x6 **X4**

SATA **X10**

MOLEX **X6**





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**Rating**

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FSP2500-57APB					
AC Input	200-240V~ 15A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	25A	25A	208.3A	0.3A	4A
Max Combined Power	125W		2499.6W	3.6W	20W
Total Power	2500W				



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**Package  
Information**

FSP2500-57APB	
EAN Code (Black)	471149848028 6
UPC Code (Black)	84568501518 1
Retail Box Dimension (L×W×H)	425 x 264 x 102mm
Retail Box Weight	5.82Kg
Carton Dimension (L×W×H)	465 x 346 x 304mm
Carton Quantity	3pcs / per carton
Carton Weight	19.46Kg
Pallet Quantity	72pcs
Country of Origin	China
Warranty	2 years







# THANK YOU

IF YOU HAVE ANY QUESTIONS OR CONCERNS,  
PLEASE CONTACT ME

[www.FSPLifeStyle.com](http://www.FSPLifeStyle.com)