HYPER K PRO Series

500W / 600W / 700W

Introduction

The new HYPER K PRO PSUs comply fully ATX12 v2.52 standard and latest safety 62368 regulation as well, and features with all black and high-grade ribbon cables, will give your PC a polished look. The HYPER K PRO series is characterized by a powerful single +12V rail design that continually delivers maximum performance for the most demanding components, while FSP's custom DC-DC design provides safety and power efficiency. With an 230V 80 Plus™ rating, both models deliver over 85% high efficiency and low noise levels thanks to its 120mm hydraulic bearing (HYB) fan takes care of cooling duties when required, making it excellent for situations that are sensitive to size and noise.

Features

120mm Hydraulic Bearing (HYB) Fan

It makes optimal cooling and reduces noise. And 1.4 times longer lifespan than a standard fan.

+12V Single Rail Design

Designed for power-intensive VGA cards, provides strong power to any overloading condition.

DC to DC Module Design

Providing high efficient and stable power.

Efficiency 85%

It generates less heat to your PC system and save you more from energy bills.

- Complies with ATX12 v2.52 & EPS12 v2.92
- Efficiency ≧ 85% @ typical Load
- Active PFC ≥ 0.9
- Hold up time > 17ms @ 80% Load
- 120mm hydraulic bearing (HYB) fan
- 450V, 105°C capacitors for a long product life cycle
- +12V Single-rail design
- +5V &3.3V DC to DC module design
- All black round cables
- Complete protections: OCP/OVP/OPP/SCP

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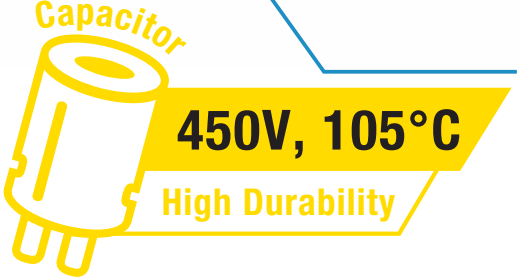
Product Overview

Green Power
Complies with 2013 ErP/EuP, the total AC power consumption of the completed system is less than 0.5W in standby mode.



Reliable Quality You Can Trust
450V, 105°C capacitors provides superior reliability under intense current operation environment.

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Product Overview

Low Noise, Less Heat

A 120mm hydraulic bearing (HYB) fan makes optimal cooling and reduces noise.
And 1.4 times longer lifespan than a standard fan.

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Product Overview

Details Make Perfection

We know what builders need.
The all black coating round cables give your system a superior look rather so many entry-level power supplies.

Supports High-end Motherboard

The HYPER K PRO 700W features with 2 sets of CPU power connectors to support high-end motherboard and provide the CPU stable power.

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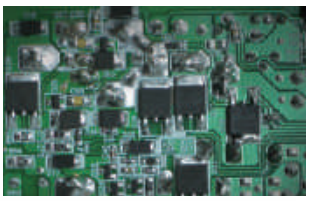
Product Overview

Custom DC-DC Module

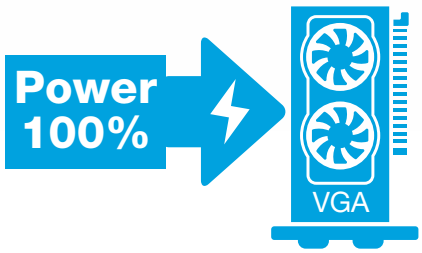
DC to DC modules to improve the reliability and greater compatibility with the quality with low ripple noise to reduce interference of system components, and prolong system lifetime.



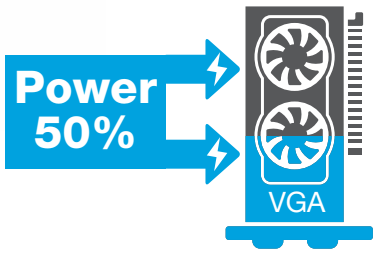
Unleash +12V Power Output

VGA card is a component which needs greedy and stable power supporting most. A single +12V rail design that VGA cards full power individually and to avoid any overloading conditions.

Single +12V rail



Multi.+12V rail



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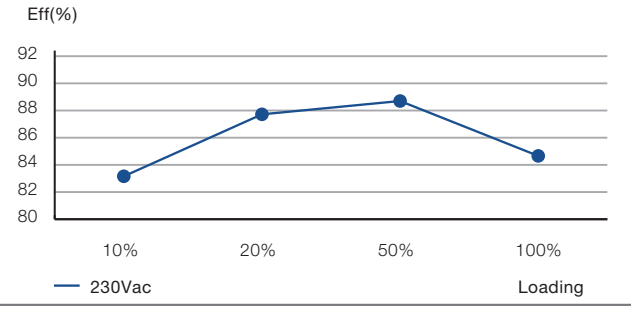
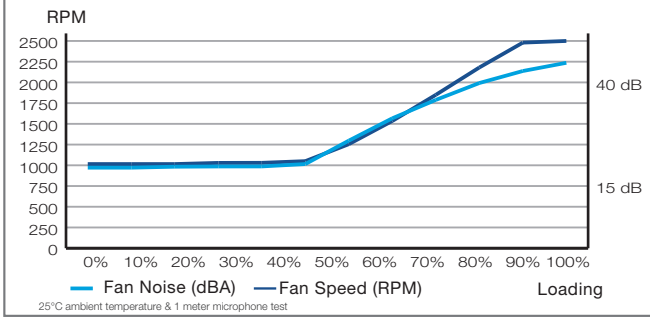
Performance

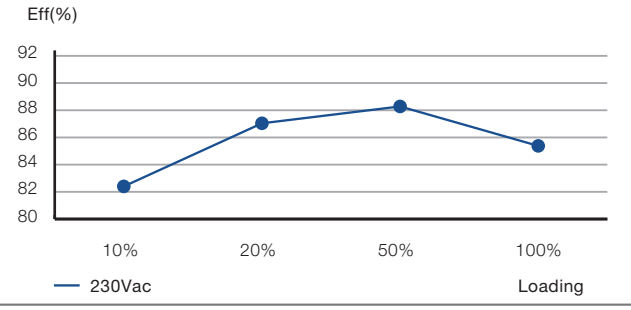
Efficiency — Hyper K Pro 700W



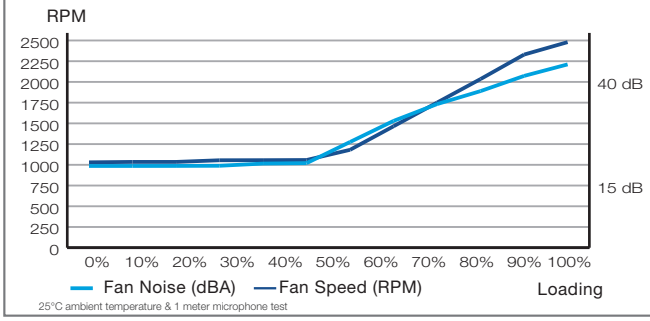
Acoustic Noise — Hyper K Pro 700W



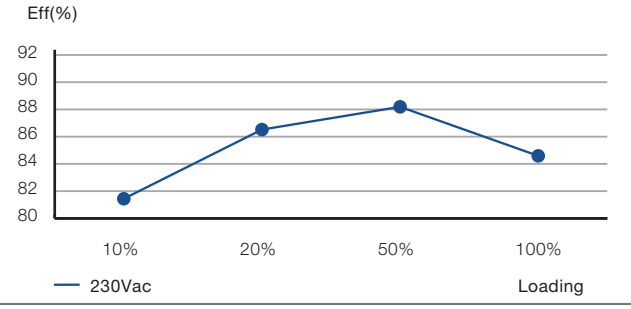
Efficiency — Hyper K Pro 600W



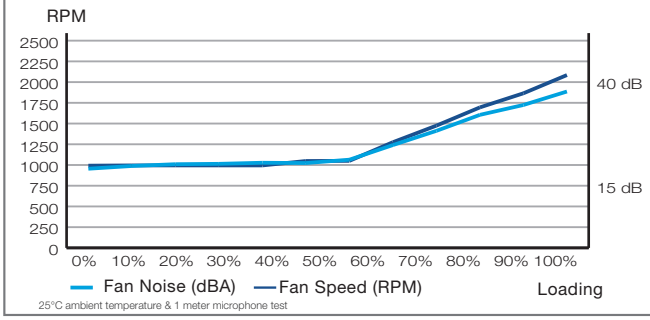
Acoustic Noise — Hyper K Pro 600W



Efficiency — Hyper K Pro 500W



Acoustic Noise — Hyper K Pro 500W



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HYPER K PRO Series

500W / 600W / 700W

Rating

500W

AC Input	200-240V~, 4A ,50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	41A	0.3A	2.5A
Max Combined Power	85W		492W	3.6A	12.5A
Total Power	500W				

600W

AC Input	200-240V~, 4.5A ,50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	50A	0.3A	2.5A
Max Combined Power	100W		600W	3.6A	12.5A
Total Power	600W				

700W

AC Input	200-240V~, 5A ,50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	58A	0.3A	2.5A
Max Combined Power	100W		696W	3.6A	12.5A
Total Power	700W				

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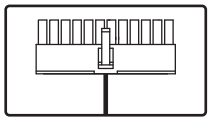
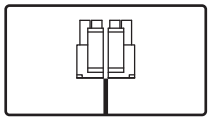
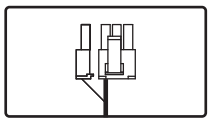
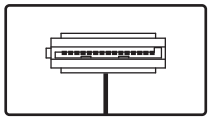
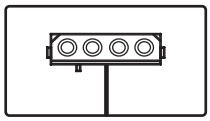
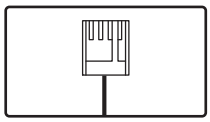
HYPER K PRO Series

500W / 600W / 700W

Connectors

	500W	600W	700W
 24 PIN	1	1	1
 4+4 PIN	1	1	2
 6+2 PIN	2	2	4
 SATA	6	6	8
 MOLEX	3	3	2
 FLOPPY	1	1	1

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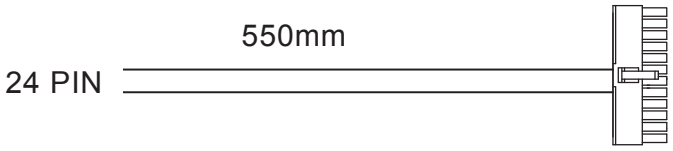
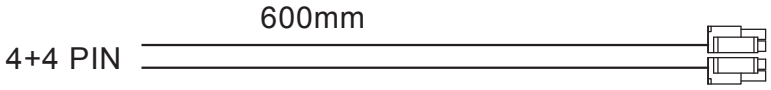
HYPER K PRO Series

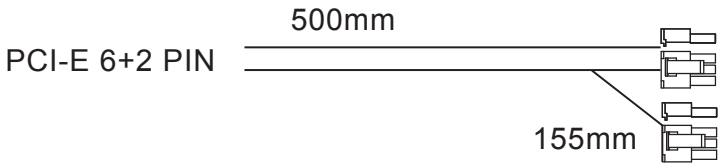
500W / 600W / 700W

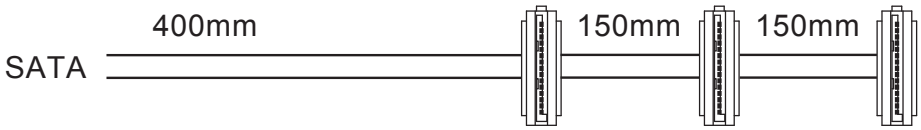
Cable Length

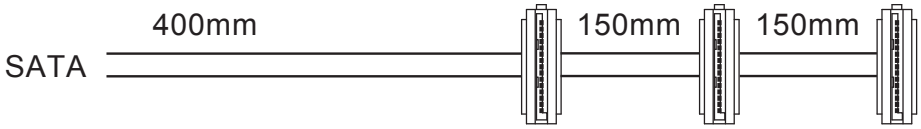
500W / 600W

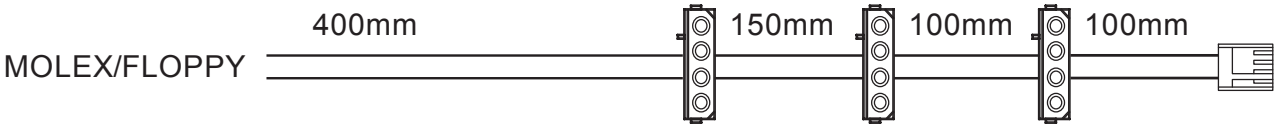












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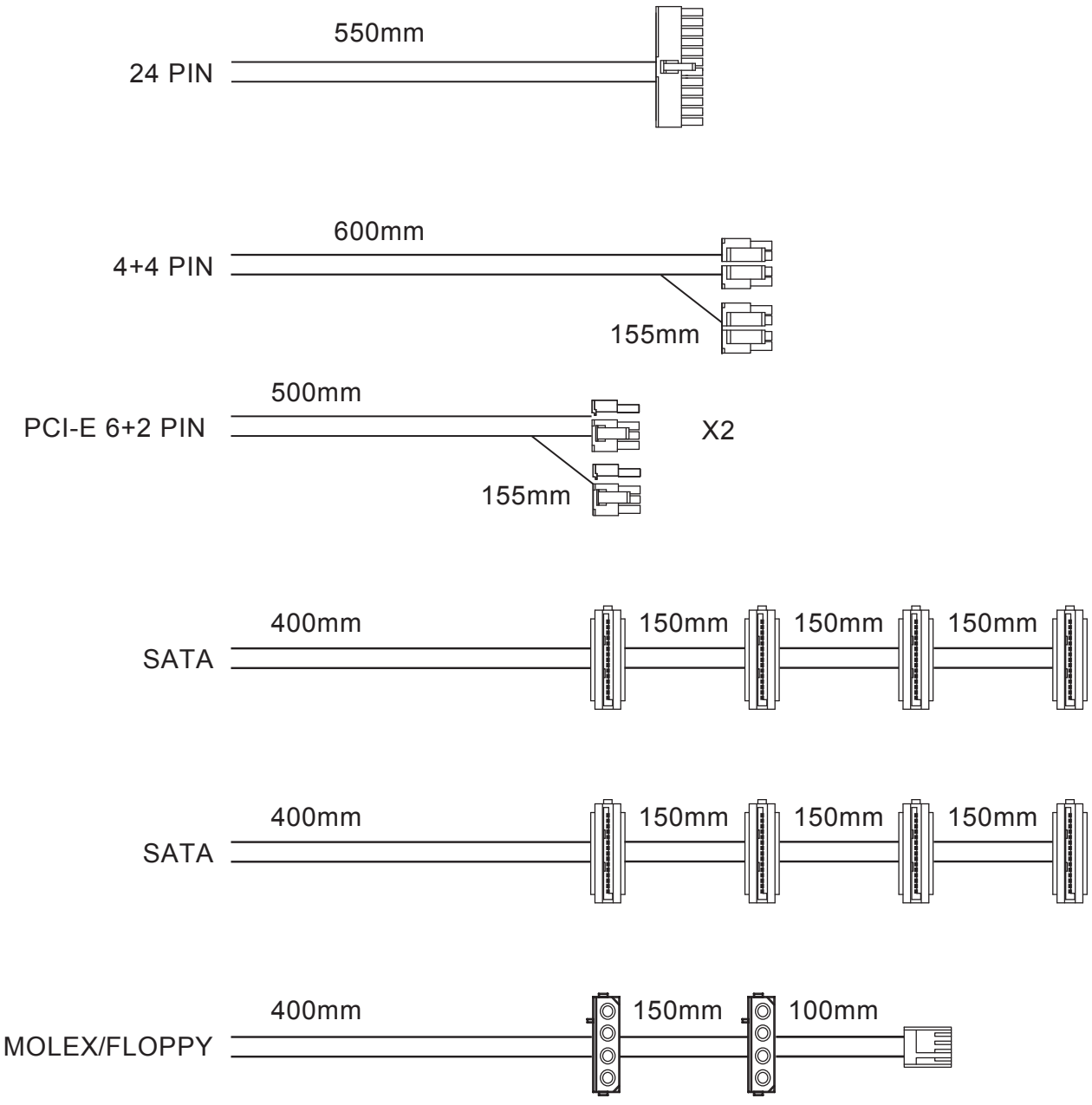
HYPER K PRO Series

500W / 600W / 700W

Cable Length

700W



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HYPER K PRO Series

500W / 600W / 700W

Specifications

	500W	600W	700W
Model	HK-500	HK-600	HK-700
Type	ATX		
PFC	Active PFC		
Input Voltage	200-240V		
Input Current	4A	4.5A	5A
Input Frequency	50-60Hz		
Output Capacity	500W	600W	700W
Max. Output Power	500W	600W	700W
Fan Type	Hydraulic Bearing (HYB) Fan,120mm		
Efficiency	85%		
MTBF	100,000 Hrs		
Protection	OCP/OVP/OPP/SCP		
Weight	1.587 kgs	1.615 kgs	1.759 kgs
Dimension(L×W×H)	150*140*86 mm	150*140*86 mm	150*140*86 mm

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Package Information

Model	**HK-500**	**HK-600**	**HK-700**
EAN Code	471322452314 4	471322452315 1	471322452316 8
UPC Code	x	x	x
Shipping Dimensions (L×W×H)	255 × 200 × 95 mm		
Shipping Weights	2.047 kg	2.075 kg	2.219 kg
Master Pack Dimension (L×W×H)	551 × 527 × 237 mm		
Master Pack Quantity	10 retail boxes per master package		
Master Pack Weight	20.47 kg	20.75 kg	22.19 kg
Pallet Quantity	160 pcs		
Country of Origin	China		
Warranty	5 Years		
Additional Information	700W: http://www.fsplifestyle.com/en/product/ 600W: http://www.fsplifestyle.com/en/product/ 500W: http://www.fsplifestyle.com/en/product/		

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