



HYDRO PRO Series

500W / 600W / 700W



Introduction

Hydro Pro series ranging from 500W, 600W to 700W for your choice. Compare to the previous model, Hydro Pro series is IEC62368 certified to ensure your own safety. The 80+ Bronze also serves as an assurance for the high stable performance. Hydro Pro series is absolutely your ideal choice for a gaming PC.

Features



Efficiency \geq 88%



Thermal Control Fan

An advanced thermal control fan makes optimal cooling and reduces noise.



Active PFC

Power factor \geq 99%

- Complies with ATX12 v2.4 & EPS12 V2.92
- Efficiency \geq 88% @ typical Load
- Active PFC \geq 0.9
- Hold up time > 17ms @ 80% Load
- +5V & 3.3V DC to DC module design
- +12V Single-Rail Design
- 120mm Silent & long life Fan
- Complete Protections: OCP/OVP/OPP/SCP



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Product Overview



Quiet and long lasting 120mm fan

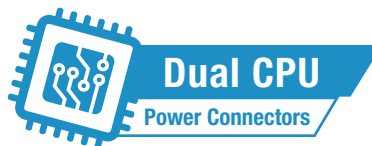
Matte black finish



Black flat cable

Details Make Perfection

The all black coating round cables give your system a superior look rather than so many entry-level power supplies.



Dual CPU

Power Connectors

Supports High-end Motherboard

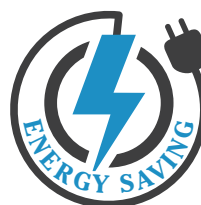
The Hydro PRO 700W features dual CPU power connectors to support high-end motherboard while providing stable power to the CPU.

Product Overview



Reliable Quality You Can Trust

Selected 450V, 105°C solid capacitor provides superior reliability under intense current operation environment.



Green Power

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

Up-to-date Circuit Design

A dual forward topology integrated with active PFC and PWM technology and double EMI filter delivers full power and enhance stability to your system.

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

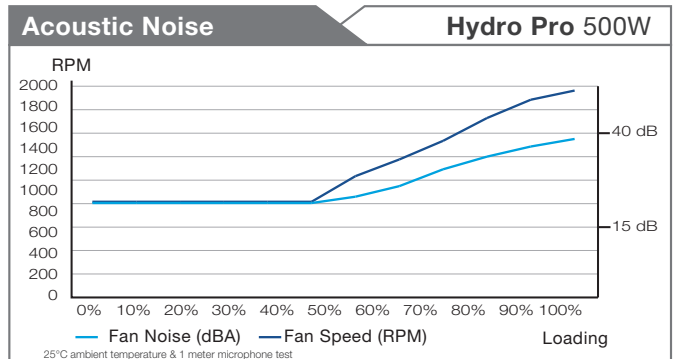
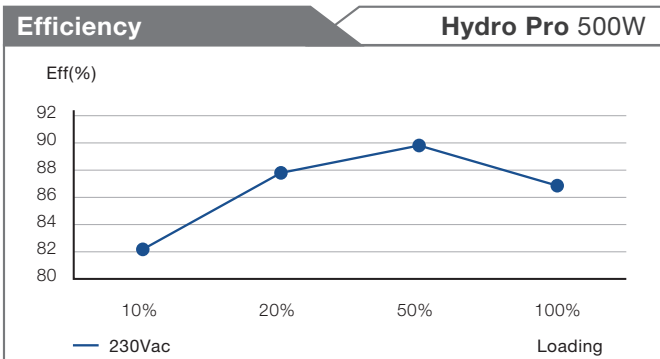
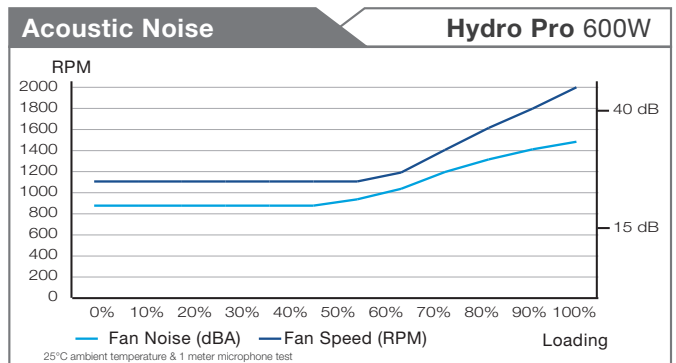
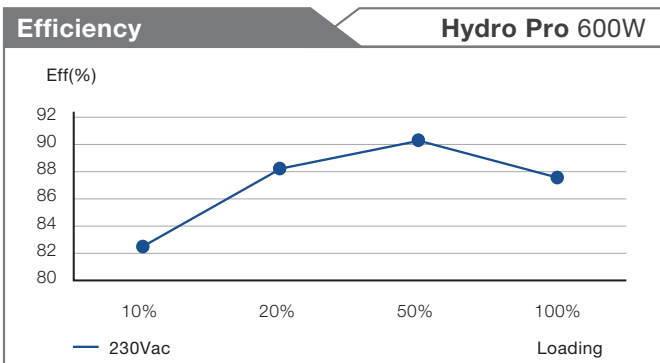
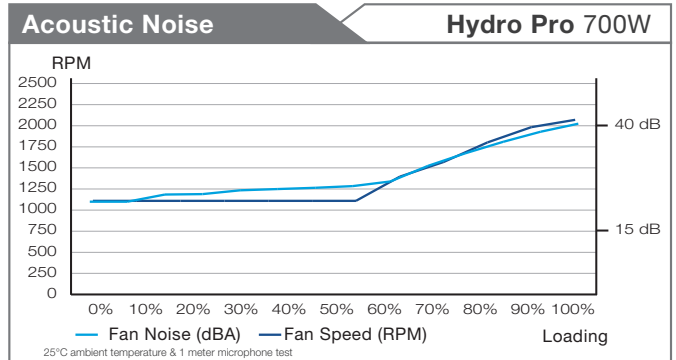
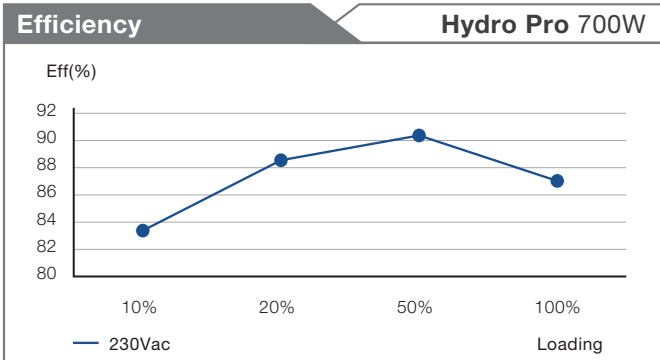
VGA card is a component which needs greedy and stable power supporting most. A single +12V rail design that VGA cards full power individually and to avoid any overloading conditions.



Low Noise, Less Heat

An advanced thermal control fan makes optimal cooling and reduces noise under maximum operation.

Performance





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Rating

500W	AC Input	200-240V~, 4A ,50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	20A	20A	41A	0.3A	2.5A
	Max Combined Power	100W		492W	16.1W	
	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		600A	16.1A	
	Total Power	600W				

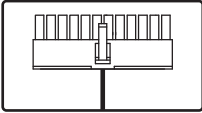
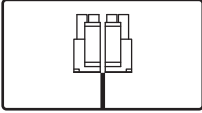
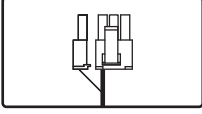
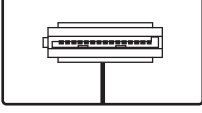
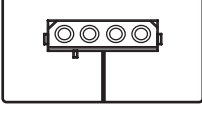
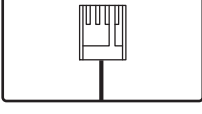
700W	AC Input	200-240V~, 5A ,50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	20A	20A	58A	0.3A	2.5A
	Max Combined Power	100W		696A	16.1A	
	Total Power	700W				

Specifications



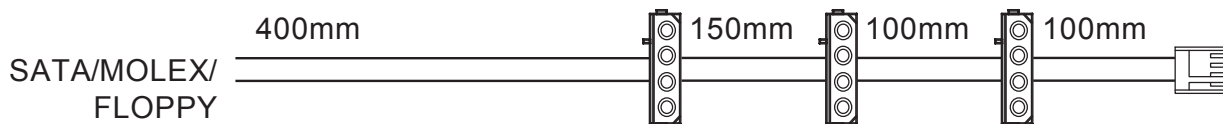
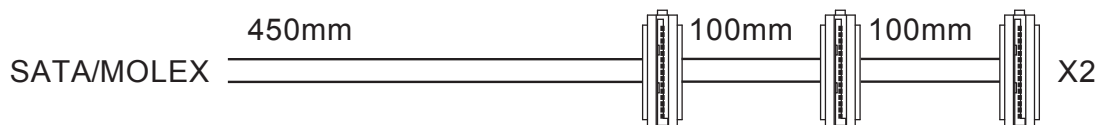
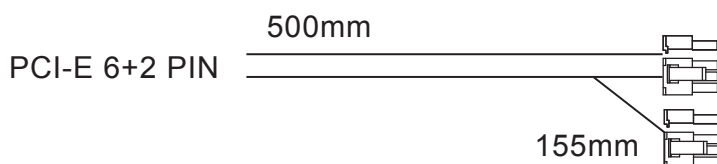
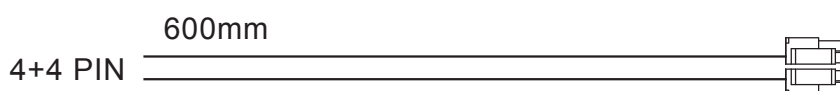
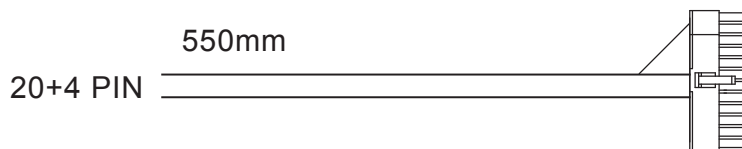
	500W	600W	700W
Model	HP2-500	HP2-600	HP2-700
Type	ATX	ATX	ATX
PFC	Active	Active	Active
Input Voltage	200V-240V	200V-240V	200V-240V
Input Current	4A	4.5A	5A
Input Frequency	50-60Hz	50-60Hz	50-60Hz
Output Capacity	500W	600W	700W
Max. Output Power	500W	600W	700W
Fan Type	Sleeve Fan	Sleeve Fan	Sleeve Fan
Efficiency	≥ 88%	≥ 88%	≥ 88%
MTBF	100,000 Hrs	100,000 Hrs	100,000 Hrs
Protection	OCP/OVP/OPP/SCP	OCP/OVP/OPP/SCP	OCP/OVP/OPP/SCP
Weight	1.437kg	1.472kg	1.583kg
Dimension(L×W×H)	150 x 140 x 86 mm	150 x 140 x 86 mm	150 x 140 x 86 mm

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

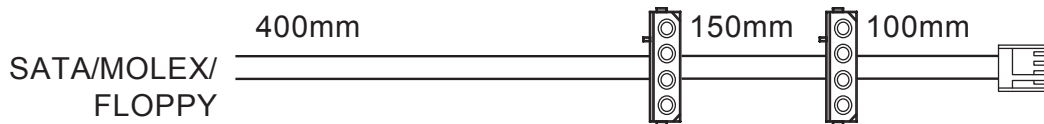
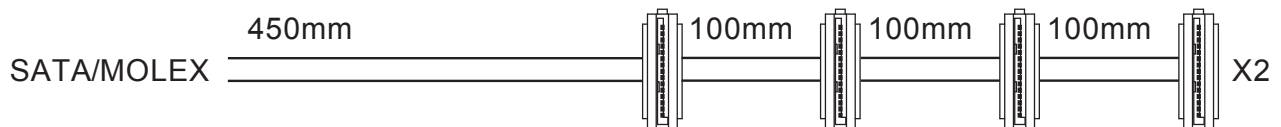
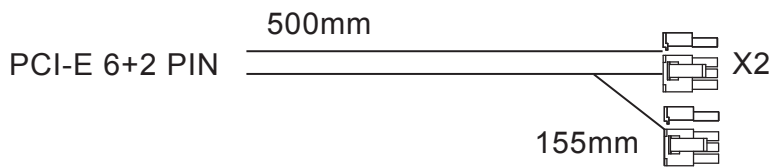
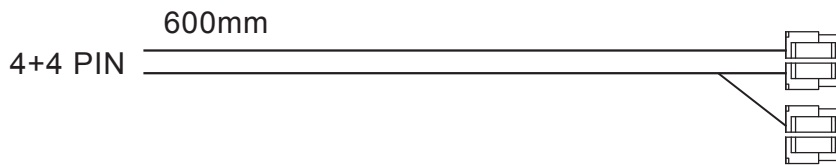
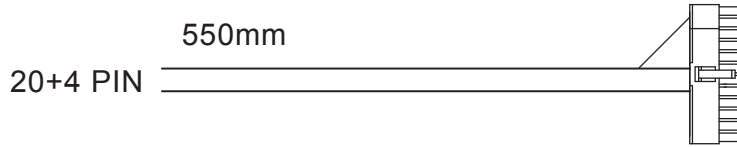
Cable Length

500W / 600W



Cable Length

700W





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Package Information

Model	HP2-500	HP2-500	HP2-700
EAN Code	471322452164 5	471322452164 5	471322452166 9
UPC Code	-	-	-
Shipping Dimensions (L×W×H)			
Shipping Weights			
Master Pack Dimension (L×W×H)			
Master Pack Quantity			
Master Pack Weight			
Pallet Quantity			
Country of Origin		China	
Warranty		5 Years	
Additional Information			