



Deliver Stable Power
in All Conditions

Hydro M **PRO**

ATX Power Supply 500W / 600W / 700W / 750W / 800W / 850W

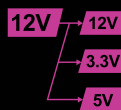
- Complies with ATX12 v2.52 & EPS12 V2.92
- Efficiency $\geq 88\%$ @ typical Load
- Active PFC ≥ 0.9
- Hold up time $\geq 17\text{ms}$ @ 80% Load
- Semi-modular design with ribbon cables
- 450V, 105°C capacitors for a long product life cycle
- 120mm hydraulic bearing (HYB) fan
- +5V & 3.3V DC to DC module design
- +12V Single-Rail Design
- Complete Protections:
OCP/OVP/OPP/SCP



DUAL CPU Power
Connectors
(700W and Above)



450V, 105°C
High Durability



DC-DC
Module

+12V
SINGLE

Powerful +12V
Single Rail



Quiet
HYB Fan



Semi-
Modular



About FSP

Founded in 1993 and is ranked as one of the world's leading power supply manufacturers. With a production capacity that complements a complete product line, FSP is well positioned to solve the various power supply needs of consumers. Among all manufacturers, we are the world's top holder of 80 PLUS certifications. Our best-in-class environmentally friendly and high-quality power products offer consumers a means to enjoy technology while minimizing the impact on the environment.



Reliable Quality You Can Trust

Selected 450V, 105°C 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.

Low Noise, Less Heat

A 120mm Hydraulic Bearing (HYB) Fan makes optimal cooling and reduces noise. And longer lifespan than a standard fan.

Custom DC-DC Module

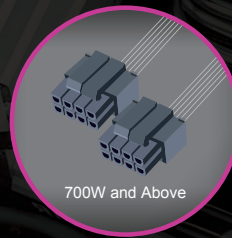
DC to DC modules to improve the reliability and greater compatibility with the quality with low ripple noise to reduce interference of system components, and prolong system lifetime.

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ATX Power Supply



Supports High-end Motherboard

The HYDRO M PRO series features with dual CPU power connectors to support high-end motherboard and provide CPU stable power.

Power Rating

Model	+3.3V	+5V	+12V	-12V	+5Vsb	Total Power
HP2-500M	20A	20A	41A	0.3A	2.5A	500W
	100W		492W	3.6W	12.5W	
HP2-600M	20A	20A	50A	0.3A	2.5A	600W
	100W		600W	3.6W	12.5W	
HP2-700M	20A	20A	58A	0.3A	2.5A	700W
	100W		696W	3.6W	12.5W	
HP2-750M	20A	20A	62.5A	0.3A	2.5A	750W
	100W		750W	3.6W	12.5W	
HP2-800M	20A	20A	66.66A	0.3A	2.5A	800W
	100W		799.9W	3.6W	12.5W	
HP2-850M	20A	20A	70.83A	0.3A	2.5A	850W
	100W		850W	3.6W	12.5W	

Wire Configuration

Model /Cable	20+4 Pin 500mm	4+4 Pin / 8 Pin 600mm	PCI-E 6+2 Pin 500mm+155mm	SATA	Molex	Floppy
HP2-500M	1	0/1	2	6	2	0
HP2-600M	1	0/1	2	6	2	0
	550mm	600mm+155mm	500mm+155mm			
HP2-700M	1	1/1	4	8	3	1
HP2-750M	1	1/1	4	8	3	1
HP2-800M	1	1/1	4	8	3	1
HP2-850M	1	1/1	4	8	3	1

