



Off-Wet

Hydro P7TM PRO

**Focus on Ultra Durability,
Pursuit of Perfection**

- Compliance with newest ATX12V V2.52
- Efficiency $\geq 92\%$ at typical load
- Intelligent fan speed control
- Quiet and long-lasting 135mm FDB fan
- Ribbon cable design for enthusiasts
- Powerful +12V single rail design
- Full Japanese electrolytic capacitors
- Intel latest CPU ready
- Full protections OCP, OVP, SCP, OPP, OTP

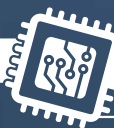
**650W
750W / 850W
1000W / 1200W**

**12-Pin
PCIe Cable x1**

*For 1200W



450V, 105°C
High Durability



**Triple CPU
Power Connectors**
Only 850/1000/1200W



FSP TECHNOLOGY INC.

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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.

HydroPTM PRO

Focus on Ultra Durability.
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650W
750W / 850W
1000W / 1200W



*650W/750W

1 Server grade design

Copper bars joint mainboard and daughter board to increase conversion efficiency.

2 Special heat sink design for 12V switching circuit

A new heat dissipation design that conducts heat through a thermal pad on the bottom of the power supply, transforming the whole PSU chassis into a heat sink and cooled system airflow.

3 3.3V & 5V DC-DC module design

Not only maximize total 12V rating but also minimize the voltage regulation for all rails.

4 Off-Wet technology

The conformal coating which protects the power supply and its internal components from dust, humidity, stains and harsh environments, the Hydro PTM PRO series are tested to work perfectly even in 95% relative humidity.



5 Eco semi-fanless function

When Eco switch is on, the fan will not operate until the loading is over 30%.

6 5V Standby circuit

It provides stable 3A output to enable high conversion efficiency.

7 Reliable quality you can trust

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

Intelligent fan speed circuit control design with 0dBA function

Full modular design with ribbon cables

Neat build and easy installation to enhance cooling performance.



User friendly connector allocation

To connect MB with 20+4 pin & PCI-e pin easily, no cable mess in case.

Conformal coating from the inside out

Hydro PTM PRO is covered with conformal coatings to guarantee reliable performance in a harsh environment.

Power Rating

Model	+3.3V	+5V	+12V	-12V	+5Vsb	Total Power
HPT2-650M	20A	20A	54.17A	0.3A	3A	650W
	120W		650W	18.6W		
HPT2-750M	20A	20A	62.5A	0.3A	3A	750W
	120W		750W	18.6W		
HPT2-850M	20A	20A	70.83A	0.3A	3A	850W
	120W		850W	18.6W		
HPT2-1000M	20A	20A	83.33A	0.3A	3A	1000W
	120W		1000W	18.6W		
HPT2-1200M	20A	20A	100A	0.3A	3A	1200W
	120W		1200W	18.6W		

Wire Configuration

Model /Cable	20+4 Pin 600mm	4+4 Pin 700mm	PCI-E 6+2 Pin 500+150mm	SATA	Molex	Floppy
HPT2-650M	1	2	4	12	3	1
HPT2-750M	1	2	6	14	5	1
HPT2-850M	1	3	8	14	5	1
HPT2-1000M	1	3	8	14	5	1
HPT2-1200M	1	3	8	14	5	1

