

Hydro PTM 650W

FSP new PSU-Hydro PTM series has 80 PLUS® Platinum certification, and features DC-DC module design and full modular. It offers good overall performance and thanks to its FDB fan and Japanese electrolytic capacitors its reliability should be excellent as well. It is the ultimate design for gaming enthusiasts and overclocker ever!



- Unique product ID with changeable side stickers for DIY enthusiasts and gamers
- Intelligent fan speed control circuit design
- Advanced thermal layout design
- Complies with newest ATX12 v2.4 & EPS12 v2.92 standards
- High efficiency $\geq 92\%$
- Active PFC $\geq 99\%$
- High Wattages with 80PLUS® Platinum Certification
- Powerful +12V single rail design
- Advanced full modular design with ribbon cables
- Full Japan-made electrolytic capacitors
- Support 6+2 pin PCI-Express Connectors
- Quiet and Long-Lasting 135mm FDB Fan
- Complete Protections: OCP, OVP, SCP, OPP, UVP, OTP
- Global Safety Approved

Low Loads For Silent Operation

Hydro PT series with intelligent fan speed control circuit design use a diameter of 135mm, fluid dynamic bearing, for low noise and reliable operation at low and medium loads.



Design improves efficiency with LLC Circuit Layout

Full DC to DC and efficiency optimization of LLC resonant converters operating.

80 Plus® Platinum Certification

Hydro PTM Series with 80 Plus Platinum Certification ensures your power supply consume less heat and lower operating cost. It also guarantees to operate at a minimum of 92% efficiency at 50% load of PSU rated power



10 Years Warranty

FSP is committed to continue to keep the products' quality and the trust our customers by manufacturing reliable power supplies. The Hydro PT serie comes with a 10 years warranty.

Full Modular for Quick and Easy Installation

Fully modular design simplifies installation and allows you use only the cables you need, for a neater, cleaner build.



Unique Design, Stylish in DIY Spirit

For DIY enthusiasts and gamers, we provide three kinds of changeable side stickers to show your style. Hydro PT series uses different material, to blend unique dissymmetry ID and vent-hole design.



Safety Protection

OCP, OVP, SCP, OPP, UVP, OTP, a full guardian of circuit protections to keep your hardware safe.



Accumulated 20 years of experience in power, FSP carefully selects every component and efforts to develop latest technology.

- 100% Japan-made E-cap
- Special heat sink design for 12V switching circuit
- Tight Voltage Regulation
- Ribbon Cable Design

AC/DC					
AC Input	100-240Vac~ 10-5A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	54.17A	0.3A	2.5A
Max Combined Power	120W		650W	3.6W	12.5W
Total Power	650W				

Specifications	
Model	HPT750M
Rated Output Power	750W
Form Factor	ATX
Input Voltage	100-240Vac
Input Current	10-5A
Input Frequency	60/50Hz
PFC	Active PFC
Efficiency	>92%
Fan Type	FDB Fan, 135mm
Dimensions(L x W x H)	150 x 170 x 86 mm
Weight	1.68kg
Protection	OCP, OVP, SCP, OPP, UVP, OTP