



FSP Hydro G PRO 650W power supply unit 20+4 pin ATX ATX Black

Brand : FSP

Product code: PPA6505001

Product name : Hydro G PRO 650W

- Compliance with newest ATX12V V2.52
- Efficiency $\geq 90\%$ at typical load
- Intelligent fan speed control
- Quiet and long-lasting 120mm FDB fan
- Ribbon cables design for enthusiasts
- Powerful +12V single rail design
- 105C Japanese electrolytic capacitors
- Intel Latest CPU ready
- Full protections: OCP, OVP, SCP, OPP, OTP
- Conformal coatings for harsh environments

650W, ATX, 80 PLUS Gold, OCP, OVP, OPP, SCP, OTP, 100-240Vac, 50-60Hz, 150 x 150 x 86mm



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Compared to the previous generation, Hydro G Pro is an IEC62368 certified PSU that has been greatly improved in its safety design as well as a more compact dimension without compromising its efficiency. Like all FSP's power supplies, Hydro G Pro delivers stable performance. The 80 Plus® Gold mark serves as an assurance to offer users a worry-free gaming experience. This PSU also features changeable side stickers that allow DIY enthusiasts to customize their perfect PC build.

Power		Ports & interfaces	
Total power *	650 W	Floppy drive power connector	1
AC input voltage *	100 - 240 V	Floppy disk drive connector	✓
AC input frequency	50 - 60 Hz	Cabling type	Fully-Modular
Input current	8-4 A	Performance	
Power Factor Correction (PFC) type	Active	80 PLUS certification *	80 PLUS Gold
Combined power (+3.3V)	100 W	Purpose *	PC
Combined power (+12V)	650 W	Power supply unit (PSU) form factor *	ATX
Combined power (+5V)	100 W	ATX version	2.52
Combined power (-12V)	3.6 W	Bearing technology	FDB
Combined power (+5Vsb)	12.5 W	Mean time between failures (MTBF)	100000 h
Max output current (+3.3V)	20 A	Design	
Max output current (+12V)	5 A	Product colour	Black
Max output current (+5V)	20 A	Cooling type	Active
Max output current (-12V)	0.3 A	Fan diameter	12 cm
Max output current (+5Vsb)	2.5 A	Number of fans	1 fan(s)
Efficiency	90%	Fan location	Top
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit	On/off switch	✓
Ports & interfaces		Operational conditions	
Motherboard power connector *	20+4 pin ATX	Operating temperature (T-T)	0 - 50 °C
Number of SATA power connectors	12	Packaging content	
Peripheral (Molex) power connectors (4-pin) *	3	Cables included	CPU, PCIe, Peripheral (Molex), SATA
PCI Express power connectors (6+2 pin)	1	Weight & dimensions	
CPU power connector (4+4 pin)	✓	Width	150 mm
		Depth	150 mm
		Height	86 mm
		Logistics data	
		Harmonized System (HS) code	84733020



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Catalog Object Cloud



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