

# FSP/Fortron HP2-600 power supply unit

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<b>Artikel</b>	703187
<b>Herstellernummer</b>	PPA6005605
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FSP/Fortron	

The new Hydro K PRO PSUs comply fully ATX12 v2.52 standard and the latest safety 62368 regulation as well and comes with high-grade ribbon cables, give your PC a polished look. The Hydro K PRO series is designed as a powerful single +12V rail that continually delivers maximum performance for the most demanding graphic cards, while FSP's custom DC-DC design provides safety and power efficiency. Besides, with an 230V 80 Plus® rating, delivers over 88% high efficiency and low noise levels thanks to its hydraulic bearing fan design, where a large 120mm fan takes care of cooling duties when required, making it excellent for situations that are sensitive to size and noise.

## **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.

## **Stable DC to DC Output Quality**

DC to DC modules with low ripple noise and prolongs system lifetime.

## **Double Layer EMI Filter**

To reduce electromagnetic interference and suppress noise.

## **Low Noise, Less Heat**

Hydro K PRO series is equipped with the 120mm hydraulic bearing fan (HYB) which makes optimum cooling and reduces noise. Moreover, the lifespan of fan is longer than standard one.

## **+12V Single Rail Design**

Designed for power-intensive VGA cards, provides strong power to any overloading condition.

## **80 Plus® Bronze Certification**

With an 230V 80 Plus® rating, Hydro K PRO series delivers over 88% high efficiency.

## **Energy Related ErP/Eup 2013**

Green Power! The total AC power consumption less than 5Vsb rail to meet the new EU Regulation ErP 2013 for modern systems.

## **Zusammenfassung**

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FSP/Fortron HP2-600, 600 W, 200 - 240 V, 50 - 60 Hz, 4.5 A, Active, 100 W

FSP/Fortron HP2-600. Total power: 600 W, AC input voltage: 200 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 24-pin ATX, Cabling type: Semi-Modular. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Width: 140 mm, Depth: 150 mm, Height: 86 mm

## Merkmale

### Packaging data

Package type	Box
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### Weight & dimensions

Width	140 mm
Depth	150 mm
Height	86 mm

### Performance

80 PLUS certification	80 PLUS Bronze
Purpose	PC
Power supply unit (PSU) form factor	ATX
Bearing technology	HYB

### Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
On/off switch	Y

### Ports & interfaces

Motherboard power connector	24-pin ATX
Number of SATA power connectors	5
Peripheral (Molex) power connectors (4-pin)	2
PCI Express power connectors (6+2 pin)	2
CPU power connector (4+4 pin)	Y
Floppy drive power connector	1
Floppy disk drive connector	Y
Cabling type	Semi-Modular

### Power

Total power	600 W
AC input voltage	200 - 240 V
AC input frequency	50 - 60 Hz
Input current	4.5 A

Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	100 W
Combined power (+12V)	600 W
Combined power (+5V)	100 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	12.5 W
Max output current (+3.3V)	20 A
Max output current (+12V)	50 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	2.5 A
Efficiency	88%
Power protection features	Over current, Over power, Over voltage, Short circuit

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.