

XPG CORE REACTOR POWER SUPPLY

BUILD UP YOUR CORE



The XPG CORE REACTOR is a modular, 80 Plus Gold power supply unit equipped with 100% Japanese Capacitors. Combined with Line Level Control (LLC) resonant topology, it is power-efficient, reliable and easy for cable management.

80 Plus Gold Certified

The 80 Plus Gold certified XPG CORE REACTOR gives you 90% efficiency at 50% load. It comes in 650W, 750W, and 850W for different needs

Cybenetics LAMBDA / ETA

The XPG CORE REACTOR modular power supply surpasses Cybenetics LAMBDA-A and ETA-A certification standards to meet the exacting needs of gamers for power transfer efficiency and low-noise operation.





Intelligent Fan-Curve

Intelligent fan-curve provides near-quiet operations, even when at full power load. The control starts at a low 3.3v, 660RPM, and remains at this speed until surpassing 50% load, prolonging the lifespan of the fan and the power supply unit.



Compact and Modular

The XPG CORE REACTOR is compact in size due to the combination of high-quality components, a well-thought-out layout, and a new manufacturing process. Its modular design reduces cable clutter and simplifies system building.



Japanese Capacitor 105°C

Equipped with All 105°C Japanese capacitors, the XPG CORE REACTOR is reliable and stable. Its DC voltage is maintained within $\pm 2\%$ and reduces ripple and noise up to 35% for enhanced dependability.



Features Overview

- 80PLUS GOLD Certified
- Premium 100% Japanese Capacitor
- Compact with Modular Design
- Intelligent Low-Noise Fan-Curve
- Industrial-Level Protection OVP, OPP, SCP, OCP, UVP, OTP, NLO, SIP
- 10-Year Warranty



Specifications

- Dimension W x L x H 150 x 140 x 86mm
- 80 PLUS Rating Gold
- ATX Version Intel 1.42
- Protections OCP / OVP / UVP / OPP / SCP / OTP / NLO / SIP
- Certification CB/TUV/cTUVus/CE EMC/FCC/BSMI/CCC/RCM/RoHS/TUV-S/KC/NOM
- PFC 0.99
- Input Voltage 100V-240V
- Input Current 10-5A
- Input Frequency 47Hz-63Hz
- Operating Temperature 50°C
- Warranty 10-Year

Specifications : Fan

- Fan Size 12cm
- Fan Bearing FDB (Fluid Dynamic Bearing)
- Fan Speed 2,400 RPM
- MTBF 100K hours at full load
- Noise Level @ 20% 850W: 11.2dB(A)
750W: 11.2dB(A)
650W: 11.2dB(A)
- Noise Level @ 50% 850W: 11.3dB(A)
750W: 11.3dB(A)
650W: 11.2dB(A)
- Noise Level @ 100%..... 850W: 24.7dB(A)
750W: 22.7dB(A)
650W: 22.3dB(A)

Specifications : Connectors

- ATX 24 Pin Connector 850W / 750W / 650W : 1
- EPS 8 (4+4) Pin Connector 850W / 750W : 2 | 650W : 1
- SATA Connector 850W / 750W / 650W : 12
- Peripheral 4 Pin Connector 850W / 750W / 650W : 4
- PCI-E 6+2 Pin Connector 850W / 750W : 6 | 650W : 4



Ordering Information

Product Category	XPG CORE REACTOR 650		
EAN Code Model	4710273773292		
Country (Part Number)	<u>Australia</u> 75260052	<u>China</u> 75260053	<u>Japan</u> 75260054
	<u>Korea</u> 75260055	<u>South Africa</u> 75260056	<u>Taiwan</u> 75260057
	<u>United States</u> 75260058	<u>United Kingdom</u> 75260059	<u>European Union</u> 75260060

Product Category	XPG CORE REACTOR 750		
EAN Code Model	4710273773285		
Country (Part Number)	<u>Australia</u> 75260043	<u>China</u> 75260044	<u>Japan</u> 75260045
	<u>Korea</u> 75260046	<u>South Africa</u> 75260047	<u>Taiwan</u> 75260048
	<u>United States</u> 75260049	<u>United Kingdom</u> 75260050	<u>European Union</u> 75260051

Product Category	XPG CORE REACTOR 850		
EAN Code Model	4710273773278		
Country (Part Number)	<u>Australia</u> 75260034	<u>China</u> 75260035	<u>Japan</u> 75260036
	<u>Korea</u> 75260037	<u>South Africa</u> 75260038	<u>Taiwan</u> 75260039
	<u>United States</u> 75260040	<u>United Kingdom</u> 75260041	<u>European Union</u> 75260042