



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 ETA PLATINUM and LAMBDA A- standards to meet the exact needs of gamers for power-deliver efficiency and low-noise operation.

115V Internal Non-Redundant			
20/100	50/100	100/100	(Loading condition)
87%	90%	87%	(Efficiency)

230V Internal Redundant			
20/100	50/100	100/100	(Loading condition)
88%	92%	88%	(Efficiency)

XPG CORE REACTOR 850W

CYBENETICS PLATINUM CYBENETICS A-

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
- Cybenetics ETA PLATINUM and LAMBDA A- Certified
- Premium 100% Japanese Capacitor
- Compact with Modular Design
- Intelligent Low-Noise Fan-Curve
- Intel ATX 12V v2.52
- Industrial-Level Protection OVP, OPP, SCP, OCP, UVP, OTP, NLO, SIP
- 10-Year Warranty

Specifications

Dimensions (L x W x H)	140 x 150 x 86mm
80 PLUS Rating	GOLD
ATX Version	Intel ATX 12V v2.52
Protections	OCP / OVP / UVP / OPP / SCP / OTP / NLO / SIP
Certification	CE / UKCA / CB / FCC (IC) / EAC / CCC / TUV / cTUVus / RCM / NOM / BSMI / BIS / KC
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	120mm
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 : <u>1</u>
EPS 8 (4+4) Pin Connector	850W / 750W / 650W : <u>2</u>
PCI-E 6+2 Pin Connector	850W / 750W : <u>6</u> 650W : <u>4</u>
SATA Connector	850W / 750W / 650W : <u>12</u>
Peripheral 4 Pin Connector	850W / 750W / 650W : <u>4</u>