



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.

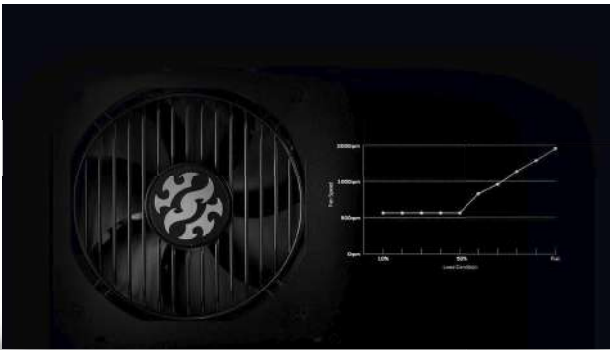
Cybenetics LAMBDA / ETA

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.



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> |