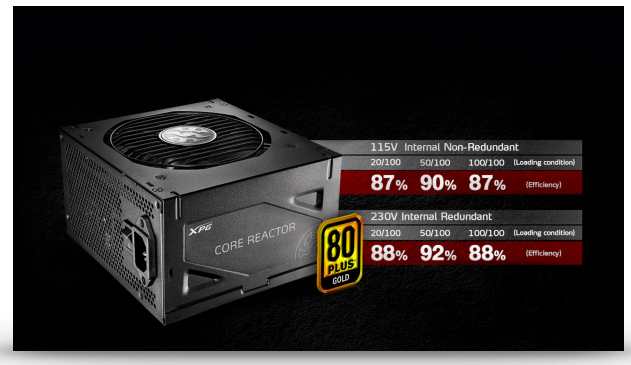


The XPG CORE REACTOR is a modular, 80 PLUS GOLD power supply unit equipped with 100% Japanese Capacitors. Combined with Line Level Control (LLC) resonant topology, it is power-efficient, reliable and easy for cable management.

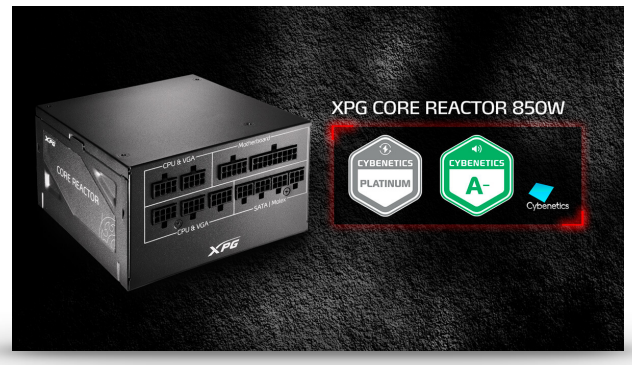
80 PLUS GOLD Certified

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.



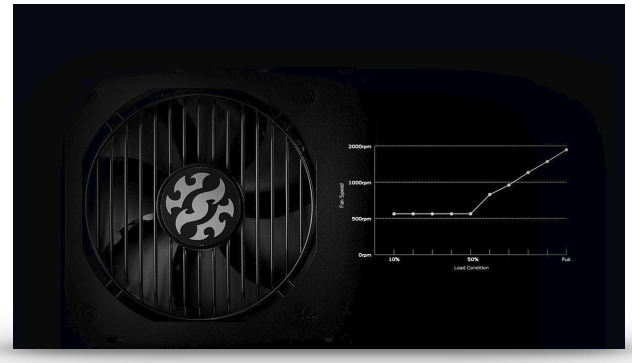
Cybenetics LAMBDA / ETA

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.



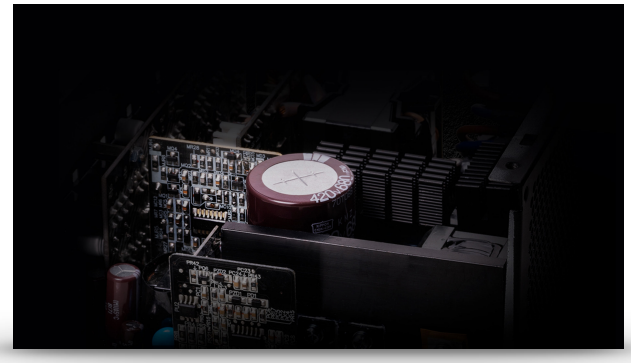
Compact and Modular

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 ±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 (W x L x H)	150 x 140 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	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

Package Contents：850W





Package Contents：750W





Package Contents：650W











Ordering Information

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

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

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