XPG PYLON Power Supply

RAW ENERGY
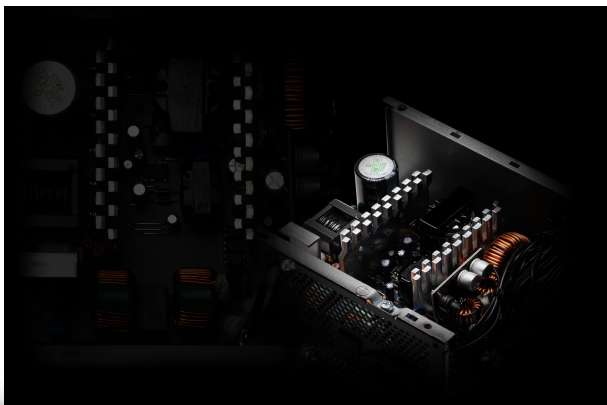
PYLON

XPG PYLON POWER SUPPLY

XPG PYLON offers more than just a BRONZE-certified Power Supply. Featuring DC-to-DC circuit design, 80 PLUS BRONZE Certification, Main Japanese Capacitor and up to 8 industrial protections, XPG PYLON BRONZE Series is ideal for most users.

DC-to-DC in BRONZE Grade

XPG PYLON features DC-to-DC 100% +12V Full Power in all PYLON series, ensuring power delivery remains consistent, power-efficient, and capable of supporting mid to high-end graphic cards and CPUs.

80 PLUS BRONZE Certification

XPG PYLON is an 80 PLUS BRONZE certified power supply unit guarantees energy efficiency at 20%, 50% and 100% of rated load. XPG PYLON also complies with ErP 2014 Lot 3 Regulation, and is design for steady 24/7 Continuous Power system operation.
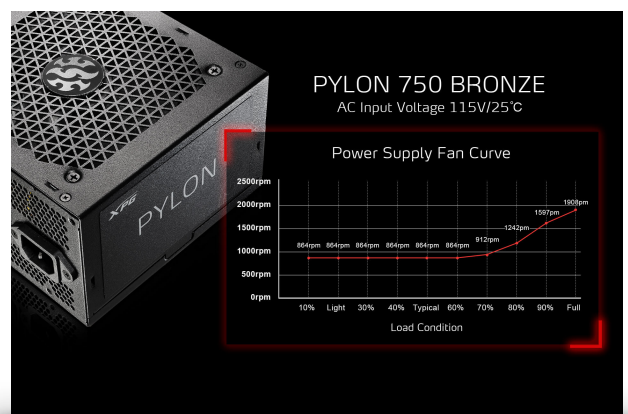
Cybenetics ETA and LAMBDA Certified

XPG PYLON SERIES is certified by Cybenetics for its efficiency and noise level, scoring at the top of its category in both ETA and LAMBDA standards.
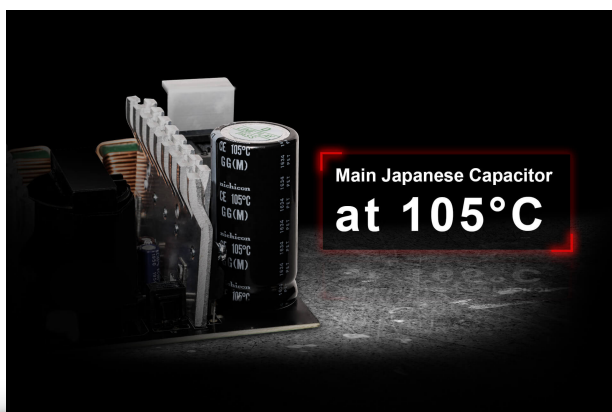

XPG PYLON 750W

120mm FDB Fan

Equipped with 120mm Fluid Dynamic Bearing (FDB) Fan, the fan control starts at around 700 RPM (25°C ambient) and maintains its low fan speed until around 70% power load. The operation environment is quiet and efficient and prolongs its life expectancy.

PYLON 750 BRONZE
AC Input Voltage 115V/25°C

Power Supply Fan Curve

2500rpm
2000rpm   1900rpm
1500rpm   1597rpm
1000rpm   864rpm 864rpm 864rpm 864rpm 864rpm 864rpm   912rpm 1242rpm
500rpm
0rpm
10% Light 30% 40% Typical 60% 70% 80% 90% Full
Load Condition

Main Japanese Capacitor 105°C

High quality 105°C Main Japanese Capacitor in XPG PYLON BRONZE Series ensures great durability and offer highest stability and reliability.

Main Japanese Capacitor
at 105°C

8 Industrial-Level Protections

XPG PYLON is designed for both efficiency and safety, and backed up by a 3-Year warranty. Fundamental protections such as OPP, UVP, OVP, SCP, OTP and OCP are all included, as well as NLO and SIP which are found in mid to high-end PSU, offering one of the highest standards of stability and security in this category.

Over Power Protection (OPP)   Surge & Inrush Protection (SIP)
Short Circuit Protection (SCP)   Over Current Protection (OCP)
No Load Operation (NLO)   3 YEAR Warranty   Over Voltage Protection (OVP)
Over Temperature Protection (OTP)   Under Voltage Protection (UVP)

Features

- DC-to-DC Converters
- 80 PLUS BRONZE Certified
- Cybenetics ETA / LAMBDA Certified
- Continuous Power for 24/7 system operation
- High Current +12V rail system compatibility
- Main Japanese Capacitor
- 120mm FDB Silent-Fan Performance
- Multiple PCI-E 2.0 6+2 Pin Connectors
- Industrial-Level Protection OVP, OPP, SCP, OCP, UVP, OTP, NLO, SIP
- Complies with ErP 2014 Lot 3
- RoHS Compliance

Specifications

- Dimension W x L x H ·················· 140 x 150 x 86mm
- 80 PLUS Rating ························· BRONZE
- ATX Version ····························· Intel V2.52
- Protections ····························· OCP / OVP / UVP / OPP / SCP / OTP / NLO / SIP
- Certification ··························· CE / UKCA / CB / FCC (IC) / EAC / CCC / TUV / cTUVus / TUV S-Mark / RCM / NOM / BSMI / BIS/KC
- PFC ···································· > 0.99
- Input Voltage ························· 100-240V
- Input Current ························· 450W︰7-3.5A | 550W︰8-4A | 650W︰10-5A | 750W︰10-5A
- Input Frequency ······················ 50Hz - 60Hz
- Operating Temperature ··············· 50°C
- Fan Size ······························· 120mm
- Fan Bearing ··························· FDB (Fluid Dynamic Bearing)
- Fan Speed ····························· 2,000 RPM
- MTBF 25°C ···························· 100K hours at full load
- Motherboard 20+4 Pin Connector ··· 450W/550W︰1 | 650W/750W︰1
- ATX 12V 4+4 Pin Connector ········· 450W/550W︰1 | 650W/750W︰2
- PCI-E 6+2 Pin Connector ··········· 450W/550W︰2 | 650W/750W︰4
- SATA 5 PinConnector ················ 450W/550W︰5 | 650W/750W︰8
- Molex 4 Pin Connector··············· 450W/550W︰2 | 650W/750W︰3
- Floppy 4 Pin Connector ············· 450W/550W︰1 | 650W/750W︰1
- Warranty ······························ 3 Year

Package Contents

Package Contents

1x XPG PYLON BRONZE Power Supply Unit

1x AC Power Cord

1x User Manual

4x PSU Screws

*750W is used for illustrated purpose; the contents are the same for 450W/550W/650W

Ordering Information

Product Category	XPG PYLON 450		
EAN Code	4710273776699		
REGION (Part Number)	Australia 75260105	China 75260106	Japan 75260107
	Korea 75260108	South Africa 75260109	Taiwan 75260110
	United States 75260111	United Kingdom 75260112	European Union 75260113
	Brazil 75260161	Argentina 75260168	

Product Category	XPG PYLON 550		
EAN Code	4710273776781		
REGION (Part Number)	Australia 75260114	China 75260115	Japan 75260116
	Korea 75260117	South Africa 75260118	Taiwan 75260119
	United States 75260120	United Kingdom 75260121	European Union 75260122
	Brazil 75260162	Argentina 75260169	

Product Category	XPG PYLON 650		
EAN Code	4710273776873		
REGION (Part Number)	Australia 75260123	China 75260124	Japan 75260125
	Korea 75260126	South Africa 75260127	Taiwan 75260128
	United States 75260129	United Kingdom 75260130	European Union 75260131
	Brazil 75260163	Argentina 75260170	

Product Category	XPG PYLON 750		
EAN Code Model	4710273776965		
REGION (Part Number)	Australia 75260132	China 75260133	Japan 75260134
	Korea 75260135	South Africa 75260136	Taiwan 75260137
	United States 75260138	United Kingdom 75260139	European Union 75260140
	Brazil 75260164	Argentina 75260171	