

NGDP

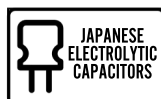
PC POWER SUPPLY
750W / 850W / 1000W /
1200W

**80 PLUS GOLD
FULL - MODULAR**



FEATURES :

- 80 PLUS Gold Certified: High efficiency for lower energy costs
- Embossed Cable: Stylish, durable and flexible
- Fully Modular: Detachable cables for easy management
- 120 mm FDB bearing fan that supports 0 RPM mode
- Japanese Electrolytic Capacitors: Ensures reliability and longevity



PC POWER SUPPLY
NGDP

VER251107KN

SAFETY AND PROTECTION

Your new power supply unit comes equipped with multiple protective features to ensure safe and reliable operation:

Under-Voltage Protection (UVP) shuts the PSU off if the voltage the PSU is providing to the PC drops below accepted values.

Over-Voltage Protection (OVP) Monitors 12V, 5V, and 3.3V outputs. Automatically shuts down the PSU if voltage exceeds safe levels.

Over-Power Protection (OPP) Turns off the PSU if power draw reaches preset percentage of the rated capacity.

Short-Circuit Protection (SCP) Activates when output impedance falls below 0.1 ohms. Protects against shorts between rails or to ground, preventing damage to the PSU and system components.

Over-Current Protection (OCP) Keeps 3.3V, 5V, and 12V rail outputs within safe operating limits.

Over-Temperature Protection (OTP) Shuts down the PSU if internal temperature becomes too high, typically due to overloading or fan failure.

These safety mechanisms work together to protect your computer system and the power supply itself from potential electrical hazards. For optimal performance and longevity, always operate your PSU within its rated specifications.



SPECIFICATIONS HA-750BA4

NGDP GOLD 750W

| MODEL | HA-750BA4 |
|------------------------|--|
| POWER OUTPUT | 750 W |
| INPUT VOLTAGE | 100 - 240 V~ |
| INPUT CURRENT | 10 - 5 A |
| INPUT FREQUENCY | 50 / 60 Hz |
| EFFICIENCY | 91.35% at typical load |
| DIMENSIONS (L x W x H) | 140 x 150 x 86 mm |
| MODULAR | Full-modular |
| CERTIFICATIONS | 80 PLUS Gold, Cybenetics Gold, PPLP Gold |
| PFC | Active PFC |
| FAN SIZE | 120 mm FDB |
| PROTECTIONS | UVP, OVP, OPP, SCP, OCP, OTP |
| REGULATORY | CE / FCC / C-Tik / RoHS / CCC / cTUVus / IEC / EAC |
| MTBF | 100,000 hours |
| CIRCUIT STRUCTURE | LLC + DC - DC |
| WARRANTY | 10 years |

| DC OUTPUT (V) | MAX LOAD (A) | MAX OUTPUT (W) |
|---------------|--------------|----------------|
| +3.3V | 20A | 120W |
| +5V | 20A | |
| +12V | 62.5A | 750W |
| +5VSb | 3A | 15W |
| -12V | 0.3A | 3.6W |



SPECIFICATIONS HA-850BA4

NGDP GOLD 850W

| MODEL | HA-850BA4 |
|------------------------|--|
| POWER OUTPUT | 850 W |
| INPUT VOLTAGE | 100 - 240 V~ |
| INPUT CURRENT | 10 - 5 A |
| INPUT FREQUENCY | 50 / 60 Hz |
| EFFICIENCY | 91.26% at typical load |
| DIMENSIONS (L x W x H) | 140 x 150 x 86 mm |
| MODULAR | Full-modular |
| CERTIFICATIONS | 80 PLUS Gold, Cybenetics Platinum, PPLP Gold |
| PFC | Active PFC |
| FAN SIZE | 120 mm FDB |
| PROTECTIONS | UVP, OVP, OPP, SCP, OCP, OTP |
| REGULATORY | CE / FCC / C-Tik / RoHS / CCC / cTUVus / IEC / EAC |
| MTBF | 100,000 hours |
| CIRCUIT STRUCTURE | LLC + DC - DC |
| WARRANTY | 10 years |

| DC OUTPUT (V) | MAX LOAD (A) | MAX OUTPUT (W) |
|---------------|--------------|----------------|
| +3.3V | 20A | 120W |
| +5V | 20A | |
| +12V | 70.8A | 849.6W |
| +5VSb | 3A | 15W |
| -12V | 0.3A | 3.6W |



SPECIFICATIONS HA-1000BA4

NGDP GOLD 1000W

| MODEL | HA-1000BA4 |
|------------------------|--|
| POWER OUTPUT | 1000 W |
| INPUT VOLTAGE | 100 - 240 V~ |
| INPUT CURRENT | 12 - 6 A |
| INPUT FREQUENCY | 50 / 60 Hz |
| EFFICIENCY | 91.14% at typical load |
| DIMENSIONS (L x W x H) | 140 x 150 x 86 mm |
| MODULAR | Full-modular |
| CERTIFICATIONS | 80 PLUS Gold, PPLP Platinum |
| PFC | Active PFC |
| FAN SIZE | 120 mm FDB |
| PROTECTIONS | UVP, OVP, OPP, SCP, OCP, OTP |
| REGULATORY | CE / FCC / C-Tik / RoHS / CCC / cTUVus / IEC / EAC |
| MTBF | 100,000 hours |
| CIRCUIT STRUCTURE | LLC + DC - DC |
| WARRANTY | 10 years |

| DC OUTPUT (V) | MAX LOAD (A) | MAX OUTPUT (W) |
|---------------|--------------|----------------|
| +3.3V | 20A | 120W |
| +5V | 20A | |
| +12V | 83A | 996W |
| +5VSb | 3A | 15W |
| -12V | 0.3A | 3.6W |



SPECIFICATIONS HA-1200BA4







NGDP GOLD 1200W

| | |
|-------------------------------|--|
| MODEL | HA-1200BA4 |
| POWER OUTPUT | 1200 W |
| INPUT VOLTAGE | 100 - 240 V~ |
| INPUT CURRENT | 15 - 7.5 A |
| INPUT FREQUENCY | 50 / 60 Hz |
| EFFICIENCY | 91.88% at typical load |
| DIMENSIONS (L x W x H) | 140 x 150 x 86 mm |
| MODULAR | Full-modular |
| CERTIFICATIONS | 80 PLUS Gold PPLP Platinum Certified for 115 V PPLP Gold Certified for 230 V |
| PFC | Active PFC |
| FAN SIZE | 120 mm FDB |
| PROTECTIONS | UVP, OVP, OPP, SCP, OCP, OTP |
| REGULATORY | CE / FCC / C-Tik / RoHS / CCC / cTUVus / IEC / EAC |
| MTBF | 100,000 hours |
| CIRCUIT STRUCTURE | LLC + DC - DC |
| WARRANTY | 10 years |

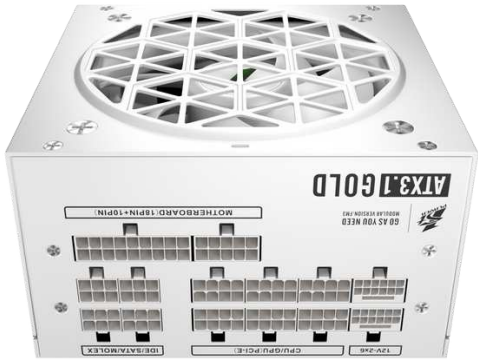
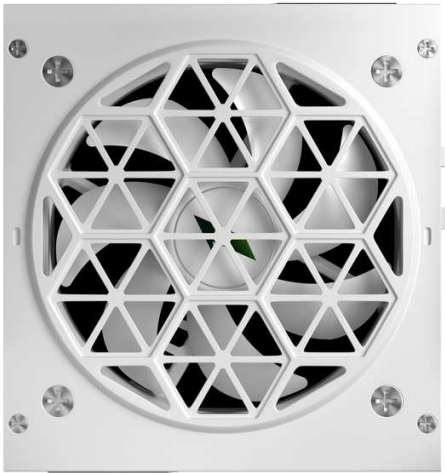
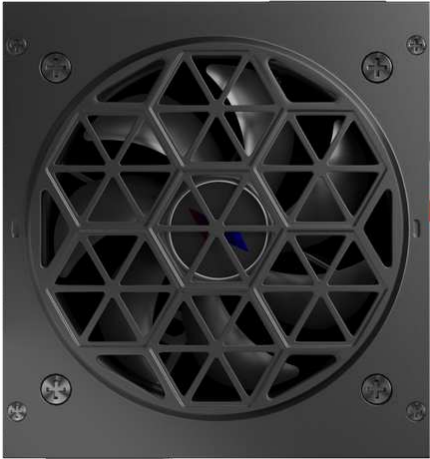
| DC OUTPUT (V) | MAX LOAD (A) | MAX OUTPUT (W) |
|----------------------|---------------------|-----------------------|
| +3.3V | 20A | 120W |
| +5V | 20A | |
| +12V | 100A | 1200W |
| +5VSb | 3A | 15W |
| -12V | 0.3A | 3.6W |



CABLE INFORMATION

| CONNECTORS | TOTAL LENGTH | 750W | 850W 1000W | 1200W |
|---|--------------|------|---------------|-------|
| ATX Cable 24-pin (MB)  | 610 mm | 1 | 1 | 1 |
| ATX12V Cable 8-pin (CPU 4+4)  | 650 mm | 2 | 2 | 2 |
| PCI-E Cable 12V-2x6 (GPU 12+4)  | 720 mm | 1 | 1 | 1 |
| PCI-E Cable 8-pin (GPU 6+2)  | 600 mm | 2 | 3 | 4 |
| SATA Cable (SSD/HDD)  | 465 mm | 2 | 2 | 2 |
| MOLEX Cable (4 PATA)  | 465 mm | 1 | 1 | 1 |

PICTURES



REVISION HISTORY

| Version Number | Date | Modification Description | Modified By |
|-----------------------|--------------|-------------------------------------|--------------------|
| VER250416BN | Apr 16, 2025 | Updated Cable Information, Pictures | Ben |
| VER250619BN | Jun 19, 2025 | Updated 750W cable info | Shu |
| VER250821SHU | Aug 21, 2025 | Added 1200W model | Shu |
| VER251107KN | Nov 7, 2025 | Added PPLP certified info for 1200W | Kane |