

MAXPRO

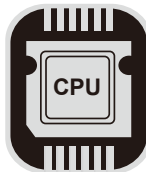




HeatGuard



Twister-bearing fan



Intel Haswell support



400W / 500W / 600W / 700W

Features

- **>87% efficiency**

Achieve >87% efficiency @ 50% load under 230Vac. Compliant with 80 PLUS 230V EU standard efficiency requirements.

- **105°C Japanese main electrolytic capacitors**

Highest component standards for maximum durability and stability.

- **Twister bearing fan**

12cm Twister bearing fan with batwing blades provides low noise and long lifetime performance.

- **24/7 @ 40°C ready!**

Non-Stop industrial class performance at 40°C/104°F ambient.

- **2013 ErP Lot 6 ready!**

Help system meet 2013 ErP Lot 6 (<0.5W at standby mode) with high efficiency 5Vsb circuitry (With ErP Lot 6 enabled motherboard)

- **ErP Lot 3 2014**

Best value 80 PLUS PSU helps your system to surpass ErP Lot 3 2014 requirements.

- **HeatGuard**

Keep PSU fan running for 30-60 seconds after shutdown to dissipate the remaining system heat and prolong system lifetime.

- **AirGuard**

Patented air-inlet with optimal aero-dynamical design reduces noisy air turbulences.

- **SafeGuard**

Industry-leading protection circuitry of OCP (+3.3V, +5V, +12V), OVP, OPP, SCP and SIP.

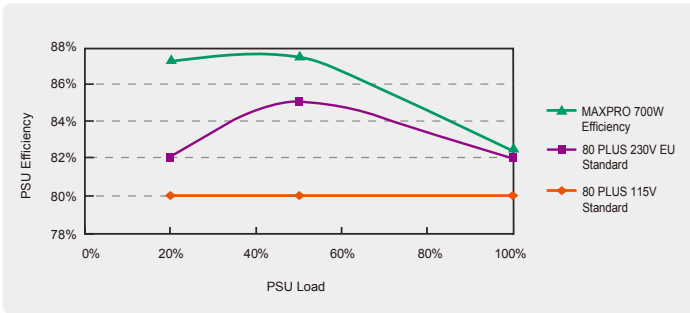
>87% efficiency

105°C Japanese main electrolytic capacitor



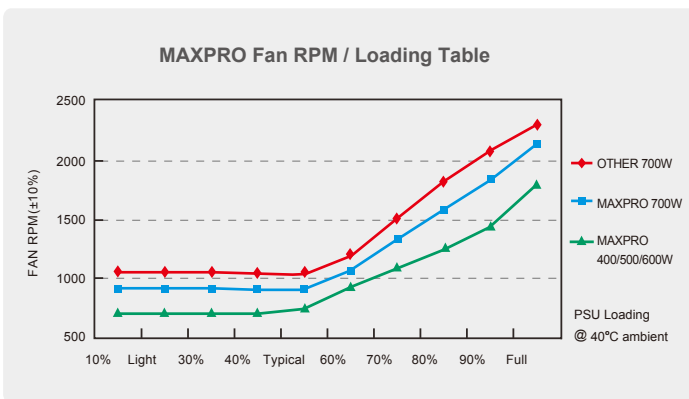
Achieve >87% efficiency @ 50% load under 230Vac. Compliant with 80 PLUS 230V EU standard efficiency requirements.

Highest component standards for maximum durability and stability.



Silent Performance

Twister Bearing Fan



Twister bearing fan with batwing blades provides low noise and long lifetime performance.



- A. Minimal contact area for effective noise reduction
- B. Rotor with integrated magnet for frictionless and smooth motion
- C. Self-lubricating bearing material abrasion protection for longer lifetime

2013 ErP Lot 6 ready!

Dimensions

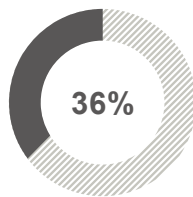
Advanced +5Vsb circuitry with up to 20% improved efficiency in comparison to generic designs helps your system meet 2013 ErP Lot 6 (AC < 0.5W at standby) requirement. *With ErP Lot 6 enabled motherboard.

Dimension: 150(W) x 140(D) x 86(H) mm

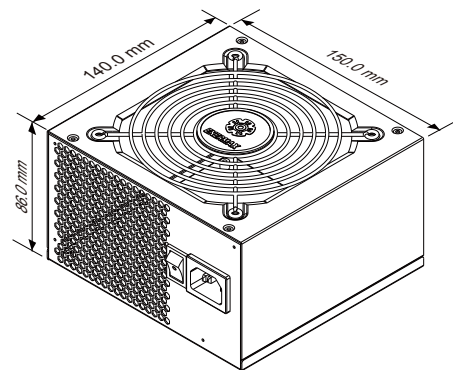
PSU +5Vsb efficiency @ 0.045A load, 230VAC



ENERMAX 2013 ErP Lot 6 Compliant PSU

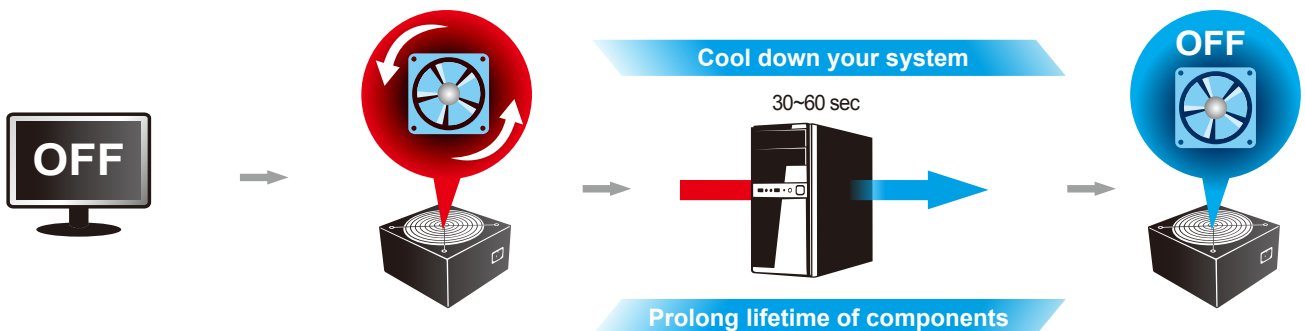


Non 2013 ErP Lot 6 Compliant PSU



HeatGuard

Keep PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolong system lifetime









Specifications

| Model No. | EMP400AGT | EMP500AGT | EMP600AGT | EMP700AGT | | | | | |
|--------------------------|--------------------------------|--------------------------------|-----------|-----------|--------|------|-------|------|-------|
| AC Input | Input Voltage | 200V-240V, 47-63Hz, Active PFC | | | | | | | |
| | Input Current | 3A | 4A | 4.5A | 5A | | | | |
| DC Output | +3.3V | 16A | 100W | 18A | 110W | 20A | 120W | 22A | 130W |
| | +5V | 16A | | 18A | | 20A | | 22A | |
| | +12V | 30A | 360W | 38A | 456W | 46A | 552W | 54A | 648W |
| | -12V | 0.3A | 3.6W | 0.3A | 3.6W | 0.3A | 3.6W | 0.3A | 3.6W |
| | +5Vsb | 2.5A | 12.5W | 2.5A | 12.5W | 2.5A | 12.5W | 2.5A | 12.5W |
| Total Power | | 400W | 500W | 600W | 700W | | | | |
| Peak Power* | | 440W | 550W | 660W | 770W | | | | |
| Protection | | | | | | | | | |
| Over Current Protection | +3.3V | 22-35A | 22-35A | 22-35A | 24-35A | | | | |
| | +5V | 22-35A | 22-35A | 22-35A | 24-35A | | | | |
| | +12V | 33-47A | 41-55A | 49-63A | 57-71A | | | | |
| Over Voltage Protection | +3.3V | 4.5V | | | | | | | |
| | +5V | 7.0V | | | | | | | |
| | +12V | 15.6V | | | | | | | |
| Over Power Protection | 115% - 150% of rated max load | | | | | | | | |
| Short Circuit Protection | Activated when short-circuited | | | | | | | | |

*Maximum range 180-264V *Peak power may last up to 60 seconds

Cable&Connector

| Model No. |  |  |  |  |  |  |
|-----------|---|---|---|--|---|---|
| | 24P Mainboard | 4+4P (8P) CPU | 6+2P (8P) PCI-E | SATA | 4P Molex | FDD |
| EMP400AGT | 1 (1 x 50cm) | 1(1 x 60cm) | 2(1 x 45/60cm) | 5 | 4 | 1 |
| EMP500AGT | 1(1 x 50cm) | 1(1 x 60cm) | 2(1 x 45/60cm) | 5 | 4 | 1 |
| EMP600AGT | 1(1 x 50cm) | 1(1 x 60cm) | 2(1 x 45/60cm) | 6 | 4 | 1 |
| EMP700AGT | 1(1 x 50cm) | 1(1 x 60cm) | 4(2 x 45/60cm) | 8 | 4 | 1 |

Certifications & Standards

