

# MAXPRO

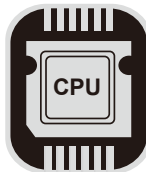




HeatGuard



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.

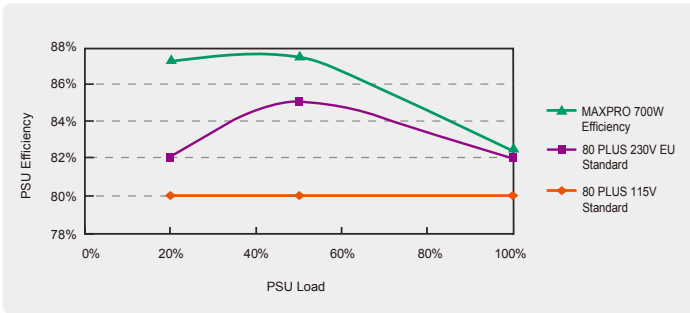
>87% efficiency

105°C Japanese main electrolytic capacitor



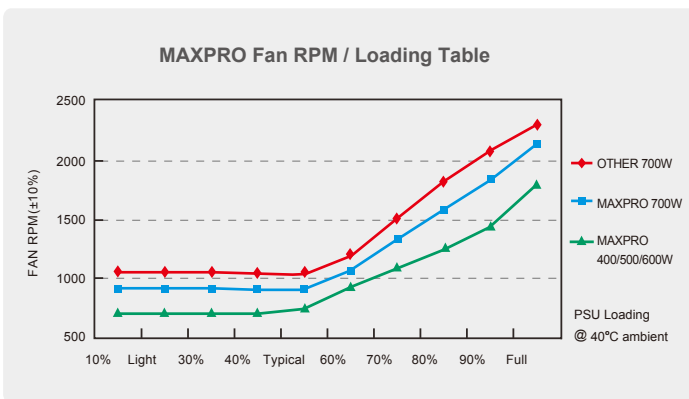
Achieve >87% efficiency @ 50% load under 230Vac. Compliant with 80 PLUS 230V EU standard efficiency requirements.

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

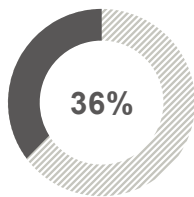
Advanced +5Vsb circuitry with up to 20% improved efficiency in comparison to generic designs helps your system meet 2013 ErP Lot 6 ( AC < 0.5W at standby) requirement. \*With ErP Lot 6 enabled motherboard.

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

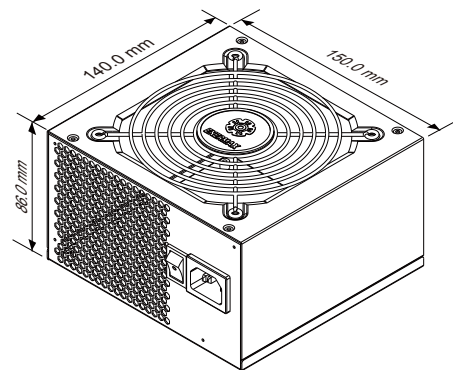
PSU +5Vsb efficiency @ 0.045A load, 230VAC



ENERMAX 2013 ErP Lot 6 Compliant PSU

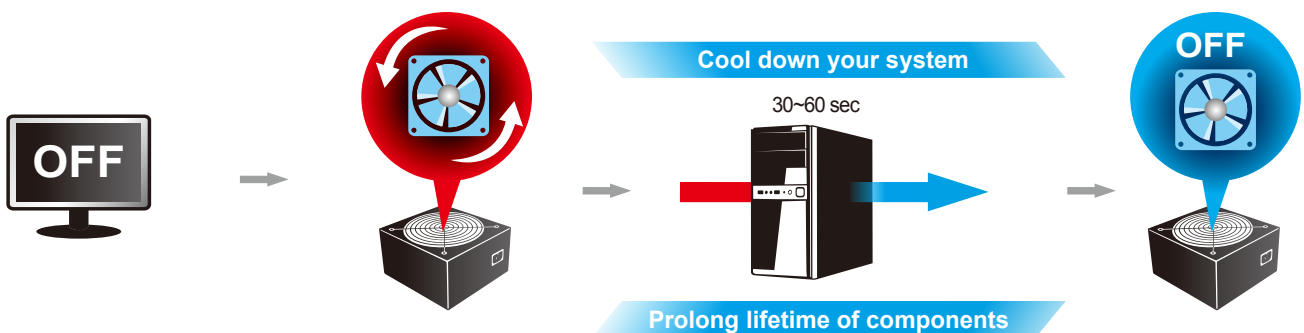


Non 2013 ErP Lot 6 Compliant PSU



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				
<b>Protection</b>									
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)	3(1 x 45cm,1x 45/60cm)	8	4	1

## Certifications & Standards

