MAXPRO II

80 PLUS 230V EU

silent High-pressure Fan

real ErP Lot 6 ready

ENERMAX
POWER. INNOVATION. DESIGN.
www.enermax.com

MAXPRO II

- **80 PLUS® 230V EU White Certified**
- **ENERMAX high pressure fan**
- **SAC(Smart Airflow Control) to deliver whisper-quiet operation**
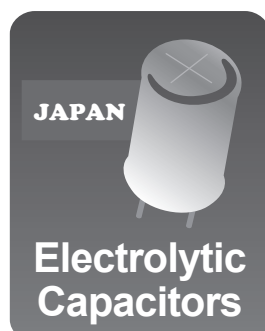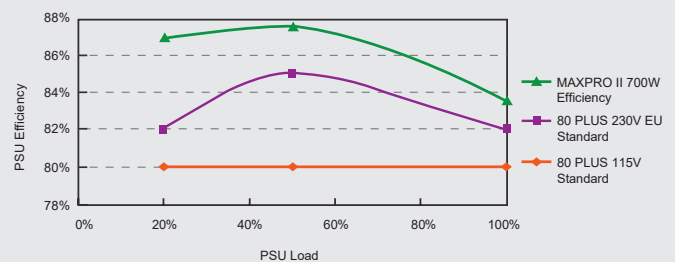- **Main Japanese electrolytic capacitors**

MAXPRO II, a 80 PLUS® 230V EU White certified power supply, achieves up to 87% efficiency and delivers a continuous full power output at 40°C ambient temperature. Furthermore, the high quality Japanese electrolytic capacitors and the powerful single 12V rail ensure a stable 24/7 operation. In addition, the ENERMAX high pressure cooling fan with individual SAC design, provides excellent airflow at an exceptionally low noise level of 14dB(A) up to 40% system load. MAXPRO II is the ideal model for mainstream gaming and office systems focused on silent, stable and long-lasting performance.

Features

230V 80 PLUS® White Certified

Achieves up to 87% efficiency @ 50% load under 230Vac. Compliant with 80 PLUS® 230V EU Standard efficiency requirements.
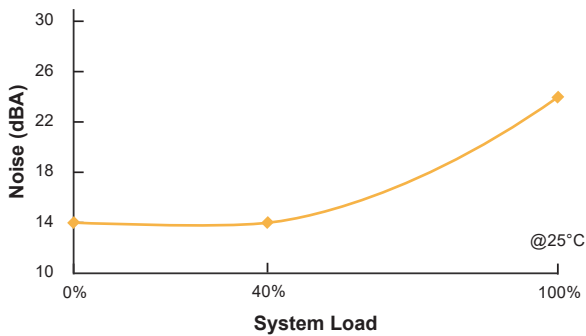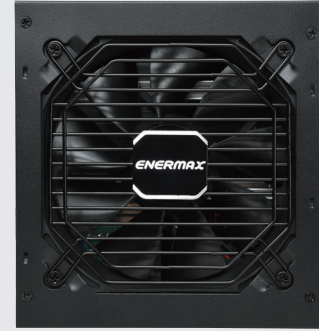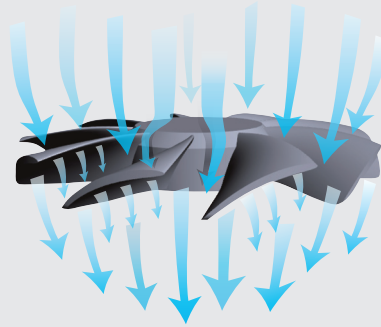
80 PLUS® 230V EU

Chart axes: PSU Efficiency (78%–88%) vs PSU Load (0%–100%)
Legend:
- MAXPRO II 700W Efficiency
- 80 PLUS 230V EU Standard
- 80 PLUS 115V Standard

JAPAN — Electrolytic Capacitors

Main Japanese electrolytic capacitors

The use of high quality Japanese capacitors ensure a maximum durability and stability.

ENERMAX high pressure fan

The innovative 120mm high pressure fan generates a compressed airstream in order to cool down critical PSU components more rapidly.
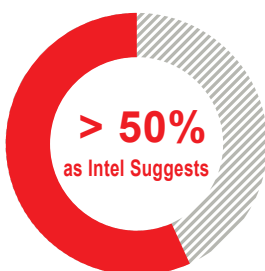

SAC (Smart Airflow Control) design

The SAC design keeps the PSU fan spinning at almost inaudible 14dB(A), up to a system load of 40%, to provide a silent operation.

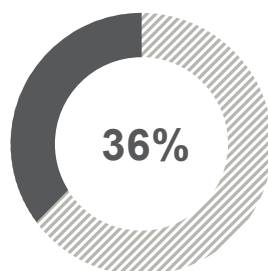Noise (dBA) vs System Load @25°C

100% flexible flat cables

The black flat cable design allows easy installation and clean cable management. Furthermore it helps to improve the airflow.

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

> 50%
as Intel Suggests

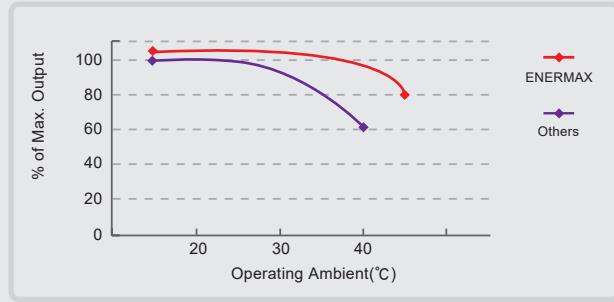**ENERMAX 2013 ErP Lot 6 Compliant PSU**

36%

Non 2013 ErP Lot 6 Compliant PSU

2014 & 2013 ErP ready!

<0.5W power consumption at standby mode (with 2013 ErP Lot 6 enabled motherboard). Compliant with 2013 ErP Lot 6 & 2014 ErP Lot 3 standards.

◤ 24/7 @ 40°C ready!

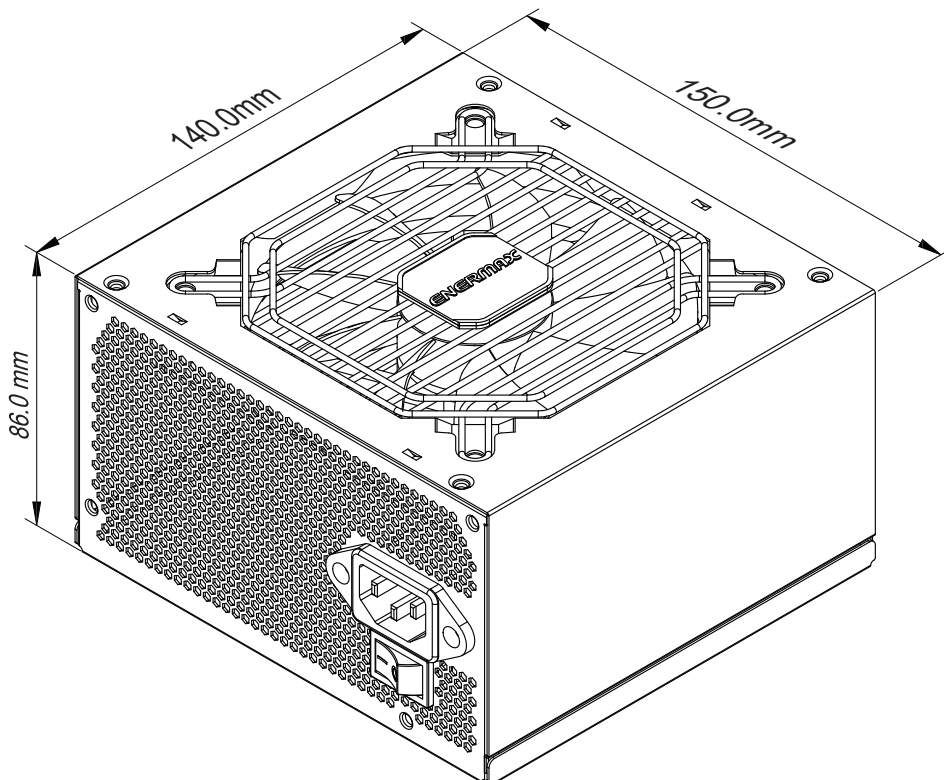Non-Stop industrial class performance at 40°C/104°F ambient temperature.

◤ SafeGuard

The multiple protection circuitry protects your system with OPP, OVP, UVP, SCP and SIP.

◤ Dimension

Unit: mm

140.0mm

150.0mm

86.0 mm

Cables & Connectors

Model	Mainboard 24P	CPU 4+4P (8P)	PCI-E 6+2P (8P)	SATA	4P Molex
EMP400AGT-C	1	1	2	5	3
EMP500AGT-C	1	1	2	5	3
EMP600AGT-C	1	1	2	6	3
EMP700AGT-C	1	1	4	6	3

Specifications

Model \ Spec.	EMP400AGT-C		EMP500AGT-C		EMP600AGT-C		EMP700AGT-C	
AC Input	200-240V, Active PFC							
	47-63Hz							
Input Current	3A		4A		4.5A		5A	
DC Output								
	Rated	Combined	Rated	Combined	Rated	Combined	Rated	Combined
+3.3V	16A	100W	18A	110W	20A	120W	20A	130W
+5V	16A		18A		20A		20A	
+12V	30A	360W	38A	456W	46A	552W	55A	660W
-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	
Dimension	150(W) x 86(H) x 140(D) mm							

Shipping Information					
Model		EMP400AGT-C	EMP500AGT-C	EMP600AGT-C	EMP700AGT-C
Bar Code	EAN	4713157724434	4713157724441	4713157724458	4713157724465
	UPC	819315024430	819315024447	819315024454	819315024461
Box Dimension		233(L) x 196(W) x 95(H) mm			
Gross Weight / unit		1.73 kg	1.83 kg	1.89 kg	1.96 kg
Carton Dimension		495(L) x 250(W) x 215(H) mm			
Q'ty / carton		5			
Gross Weight / carton		8.9 kg	9.4 kg	9.8 kg	10.1 kg

ENERMAX
POWER. INNOVATION. DESIGN.