Platimax Power Supply Series

Your satisfaction, Our priority.

Platimax

- 1500W
- 1200W

80 PLUS PLATINUM

1500W for 220~240VAC only

5 YEARS WARRANTY

real ErP Lot 6 ready

FEATURES

FMQ Design
Fully utilize transformer's quad magnetic quadrants energy to provide maximum switching efficiency and outstanding stability.

89PLUS ready!
World's leading full modular cables PSU series with 89-94% efficiency @ 20-100% load. Compliant with 80 PLUS® Platinum standard.
(EPM1500EGT is 90-95% efficiency @ 20-100% load. Far exceeding 80 PLUS ® PLATINUM efficiency requirement.)

ErP Lot 6 ready!
Help system meet ErP Lot 6 2010 (< 1W at standby mode) with high efficiency +5Vsb circuitry.*
* With ErP Lot 6 enabled motherboard.

Copper-Bridge Array Transmission
Unique Copper-Bridge Array creating wider conduction path greatly helps reduce airflow resistance, voltage drop and energy loss.

C6 & Hybrid ready!
Maximum compatibility with C6 & hybrid states of current and future CPU & GPU generations by ZERO LOAD Design.

DXXI ready!
100% 6+2P (8P) PCI-E connectors to support new generation DXXI graphic cards.

Future ready!
12P modular design for possibly upcoming new CPU and GPU 10P and/or 12P connectors.

Modular ready!
Full modular cable design for easy customized support for various peripheral settings.

SERVER ready!
SSI PSDG support for latest Intel® Core™ Extreme/i7, Xeon™ and AMD® Opteron™ and SLI® or CrossFireX™ and downward compatible with EPS12V v2.92, v2.8.

CordGuard
Fixing the AC cord tightly to avoid accidental shutdowns of your PC.

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

SafeGuard
Industry-leading octuple protection circuitry of OCP, OVP, AC UVP, DC UVP, OPP, OTP, SCP & SIP.

SpeedGuard
Advanced fuzzy logic fan speed control for optimal cooling and minimum noise. (Patented)

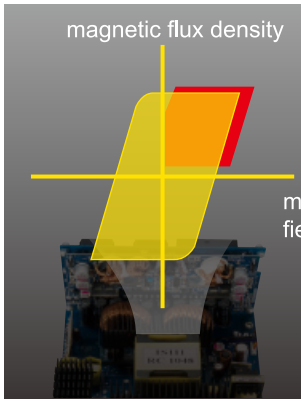
Twister fan inside!
13.9cm Twister-bearing fan with low noise and long lifetime. (100,000 hours MTBF, Patented)

100% 105°C Japanese electrolytic capacitors
Highest components standards for maximum durability and stability.

Ultimate Technology
Clean and efficient layout and classic finish with decent black deco frame, Platimax considers both the aesthetics and technology of the overall design.

Enhanced Heatsink
Unique one-piece shape design ensures uniform heat distribution and increases air flow.

FMQ Design

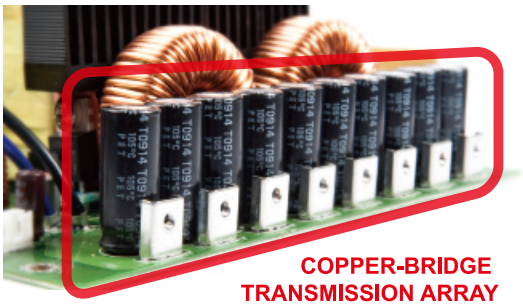


Full-Zone Magnetic Quadrant Transformer Design

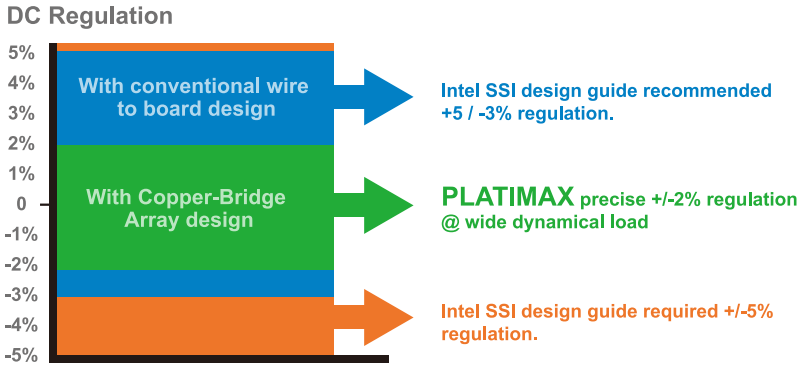
Fully utilize transformer's quad magnetic quadrants energy to provide maximum switching efficiency and outstanding KW output stability.

Conventional Forward design

Copper-Bridge Array

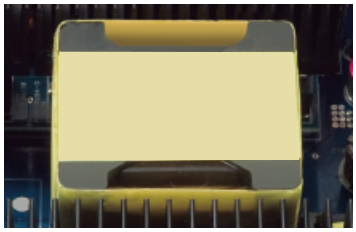


1. > x4 wider & shorter transmission path
2. 60% better DC regulation than PSDG requirements
3. Offer system stable and clean DC output



Extreme density transformer

Innovative design boosts transformer core utilization rate and reduce overall dimension.

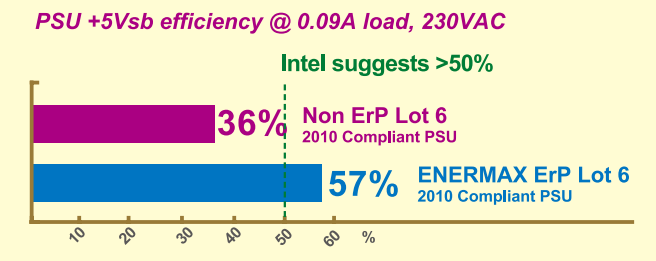


1. Extreme power density performance
2. 50% space saving than conventional design
3. Excellent heat dissipation
4. Low air resistance and less air friction noise

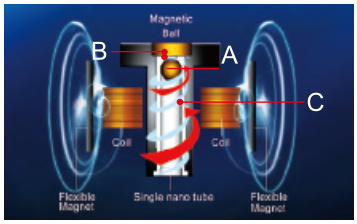
ErP Lot 6 2010 ready!

Advanced +5Vsb circuitry with up to 20% improved efficiency in comparison with generic designs helps your system meet ErP Lot 6 2010 (AC < 1W at standby) requirement.

*With ErP Lot 6 enabled motherboard.

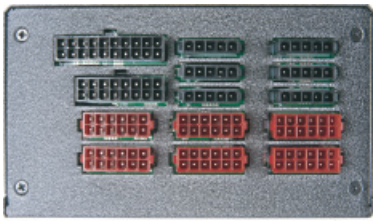


Twister Bearing Fan



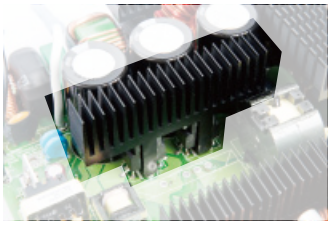
A Minimal contact area for effective noise reduction
B Rotor with integrated magnet for frictionless and smooth motion
C Self-lubricating bearing material abrasion protection for longer lifetime

Modular ready!



Full modular cable design for easy customized support for various peripheral settings.

Enhanced Heatsink

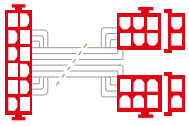
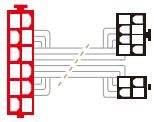
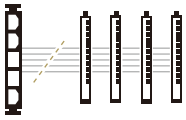
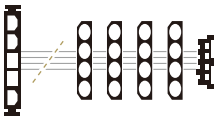
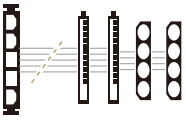
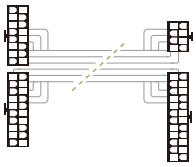


Unique one-piece shape design ensures uniform heat distribution and increases air flow.

SPECIFICATIONS

SPEC / MODEL		EPM1500EGT		EPM1200EWT	
AC Input	Input voltage	220-24VAC 50-60 Hz		100-240VAC 50-60 Hz	
	Input current	8-7A		14-5.5A	
DC Output	3.3V	24A	120W	24A	120W
	5V	24A		24A	
	12V1	30A	1500W (125A)	30A	1200W (100A)
	12V2	30A		30A	
	12V3	30A		30A	
	12V4	30A		30A	
	12V5	30A		30A	
	12V6	30A		30A	
	-12V	0.5A	6W	0.5A	6W
	+5Vsb	3A	15W	3A	15W
Total power		1500W		1200W	
Peak power		1650W		1440W	

CABLES & CONNECTORS

Modular Cables / Models		EPM1500EGT	EPM1200EWT
EMC014-G 2 x PCI-E 2.0 6+2 Pin		5 x 50cm	4 x 50cm
EMC018-G 8P & 4P 12V CPU/RAM		1 x 60cm	1 x 60cm
EMC019-G 4 x SATA		3 x 45/60/75/90cm	3 x 45/60/75/90cm
EMC020-G 4 x 4P Molex + FDD		2 x 45/60/75 /90/105cm	2 x 45/60/75 /90/105cm
EMC021-G 2 x SATA + 2 x 4P Molex		1 x 45/60/75/90cm	1 x 45/60/75/90cm
EMC022 24P & 8P MB/CPU		1 x 60/65cm	1 x 60/65cm

ENERMAX

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