Platimax D.F.

Power Supply Series



ENERMAX

POWER. INNOVATION. DESIGN.

www.enermax.com

Platimax D.F.

Power Supply Series

750W/850W/1050W/1200W

- **Compact 160mm with up to 1200W powerful output**
- **Patented Dust Free Rotation (DFR™) technology for the PSU fan**
- **D.F. switch for users to activate DFR™ function anytime during operation**

Platimax D.F. power supply series is 80 PLUS® Platinum certified in 160mm depth, featuring full modular cable design and stylish individual sleeved cables – SLEEMAX. Moreover, Platimax D.F. is built with ENERMAX patented DFR™ (Dust Free Rotation) technology with smart semi-fanless control ensuring silent operation. Users can activate the DFR™ function at any time during operation through the unique D.F. switch. Platimax D.F. is surely a perfect solution for high-end gaming rigs or multi-GPU systems.



80 PLUS® PLATINUM

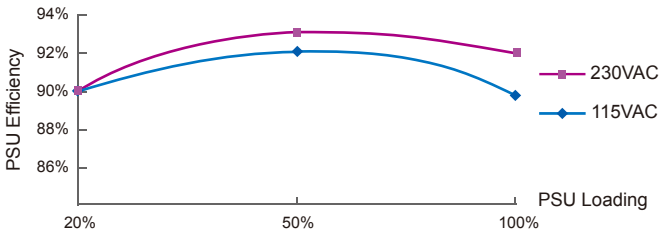
5 YEARS WARRANTY | Dust Free Rotation | Twister Bearing Fan | 40% Fanless | D.F. switch | Individual Sleeved

1200W/1050W: 30%

Features

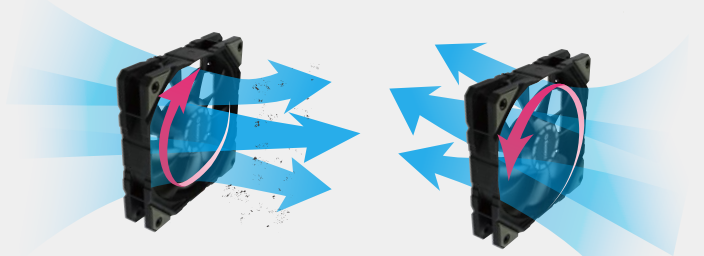
- **80 PLUS® Platinum Certified**
  Meet 80 PLUS® Platinum standard with 89-93% superb efficiency @ 20-100% load

High efficiency standard & ECO design



- **Dust Free Rotation Tech. (patented)**
  Dust Free Rotation technology enables the fan to instantly blow away the dust to prolong the lifespan

How it works



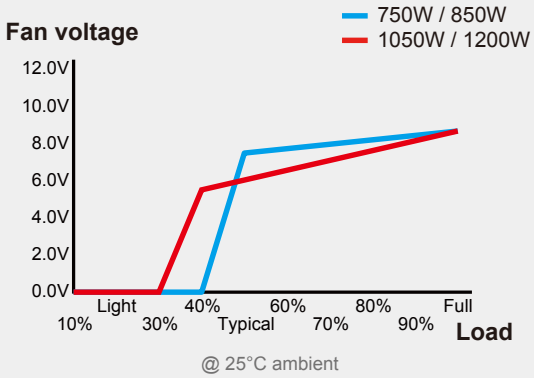
1. Patented DFR™ technology blows away the dust — within 10 sec.
2. Shift back to normal spin — After 10 sec.

Practical application

After 6 months



With DFR™ technology | Without DFR™ technology (more dust accumulates)



Smart semi-fanless control

Fanless mode before 30%~40% of system load for silent operation. Once surpassing the pre-defined limit, the fan starts to spin and the fan RPM is automatically regulated according to the system load

D.F. switch

The design enables users to activate DFR self-cleaning function at any time during operation





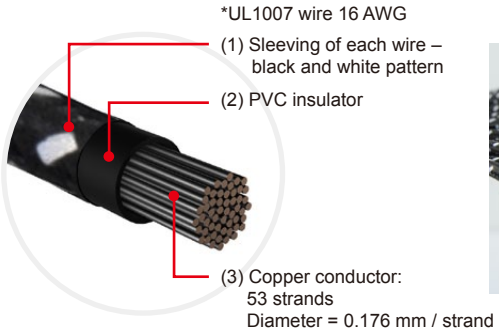
Twister Bearing fan (patented)

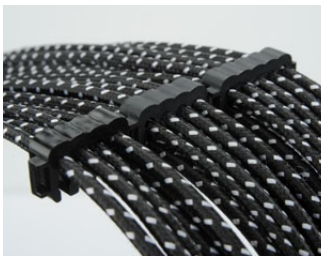
13.9cm fan with patented Twister Bearing Technology ensures ultra silent cooling and long lifetime of fan (160,000 hours MTBF)

SLEEMAX

Stylish individual sleeved cable, made with carefully selected fabric to achieve a smooth, soft texture

*MB / CPU / PCI-E=16AWG (53 strands*0.176mm)
*SATA / 4P Molex=18AWG (34 strands*0.176mm)





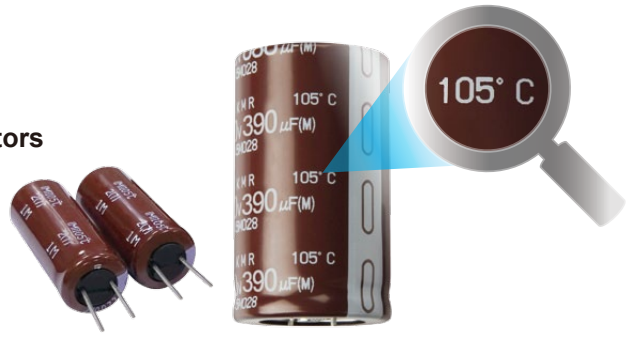


Full modular design & powerful output

Full modular cable design facilitates flexible system installation and cable management. Compact 160mm with up to 1200W powerful output

100% 105°C Japanese electrolytic capacitors

Highest component standards for maximum durability and stability



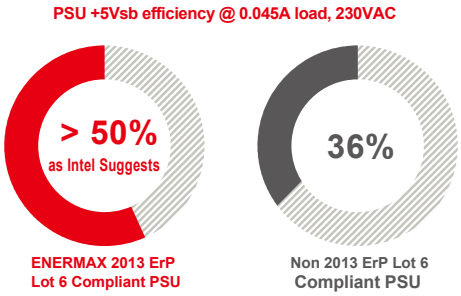


Zero load ready!

DC to DC converter circuit ensures stable output voltage and delivers higher efficiency

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



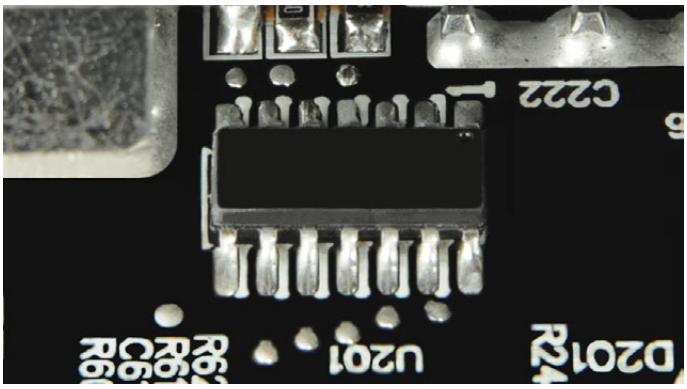


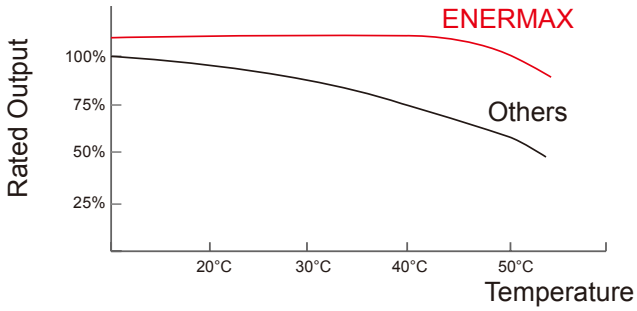
World ready

100-240VAC auto-adjustment input for universal use.
Active PFC with PF value up to 0.99, reducing the reactive power loss to the minimum

SafeGuard

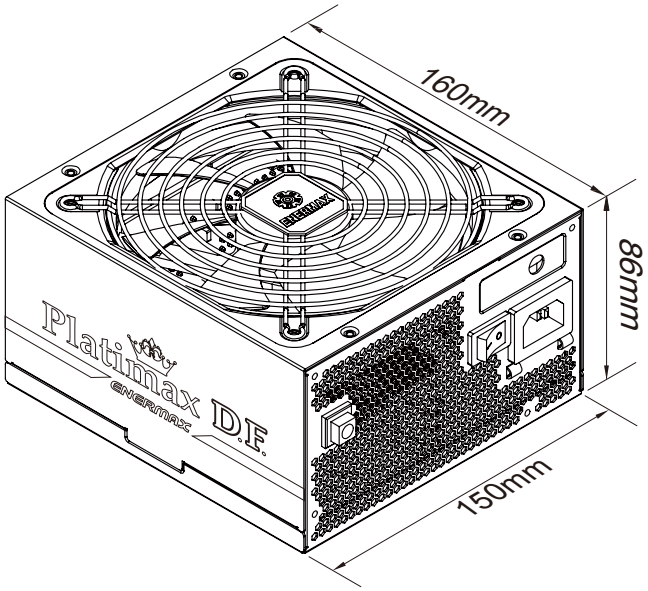
Multiple protection circuitry of OCP, OVP, UVP, OTP, OPP, SCP and SIP protects your system



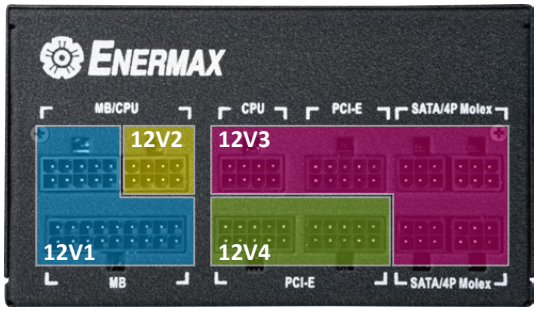


Fully continuous output @ 50°C
Industrial class performance at 50°C ambient

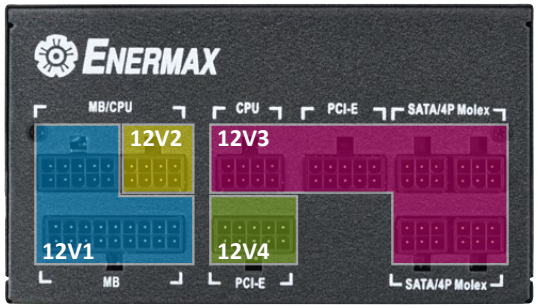
Dimensions



12V Rails Distribution



850W / 1050W / 1200W



750W

This product incorporates multiple 12V rails over current protection. If you let many peripherals consume the power on only one 12V rail, it may trigger the over current protection and shut down the system. Please re-direct certain peripheral power cable to other 12V rail to share the current loading to ensure highest stability and safety

Cables & Connectors

Model	 20+4P (24P) MB	 4+4P (8P) CPU	 8P CPU	 6+2P (8P) PCI-E	 SATA	 4P Molex	 FDD (adapter)
	60cm	70cm	70cm	60cm	50/65/80/95cm	50/65/80/95cm	10cm
EPF750EWT	1	1	1	4	12	4	1
EPF850EWT	1	1	1	6	12	4	1
EPF1050EWT	1	1	1	6	12	4	1
EPF1200EWT	1	1	1	6	12	4	1

Specifications

Model Number	EPF750EWT		EPF850EWT		EPF1050EWT		EPF1200EWT	
AC Input Voltage	100-240VAC, 47-63Hz							
AC Input Current	10A-5A		12A-6A		13A-6A		15A-7A	
DC Output								
	Rated	Combined	Rated	Combined	Rated	Combined	Rated	Combined
+3.3V	20A	100W	20A	100W	22A	120W	25A	130W
+5V	20A		20A		22A		25A	
+12V1	25A	744W (62A)	25A	840W (70A)	25A	1044W (87A)	25A	1200W (100A)
+12V2	25A		25A		25A		25A	
+12V3	35A		40A		40A		40A	
+12V4	35A		40A		40A		40A	
-12V	0.3A	3.6W	0.3A	3.6W	0.3A	3.6W	0.3A	3.6W
+5Vsb	3A	15W	3A	15W	3A	15W	3A	15W
Total power	750W		850W		1050W		1200W	
Peak power	825W		935W		1155W		1320W	
Dimensions	160(D) x 150(W) x 86(H) mm							

Shipping Information					
Model		EPF750EWT	EPF850EWT	EPF1050EWT	EPF1200EWT
Bar code	EAN	4713157722874	4713157722881	4713157722898	4713157722904
	UPC	816163009152	816163009169	816163009176	816163009183
Box dimensions		330(D) x 220(W) x 125(H) mm			
Gross Weight / unit		3.4kg	3.45kg	3.54kg	3.55kg
Carton dimensions		540(D) x 365(W) x 255(H) mm			
Q'ty / carton		4			
Gross Weight / carton		14.8kg	15kg	15.36kg	15.4kg

© 2017 ENERMAX TECHNOLOGY CORPORATION. All rights reserved. Specifications are subject to change without notice. Content of delivery might differ in different areas or from illustrations. Some trademarks may be claimed as the property of others.