

# Platimax D.F.

Power Supply Series



- Semi-Fanless Mode for ultra-silent operation
- Patented Dust Free Rotation (DFR™) technology  
Reducing dust on the PSU fan blades
- Full modular SLEEMAX™ cables  
Individually sleeved cables



The Platimax D.F. power supply series is 80 PLUS® Platinum certified and comes in a compact 160mm depth casing, featuring SLEEMAX™, full modular and individually sleeved cables. Platimax D.F. has a patented build in DFR™ (Dust Free Rotation) technology, which activates at start up to prevent dust accumulation on the fan blades. With the D.F. Switch users can activate the DFR™ function manually at any time. The smart semi-fanless design keeps the fan from running at lower system loads ensuring silent operation.

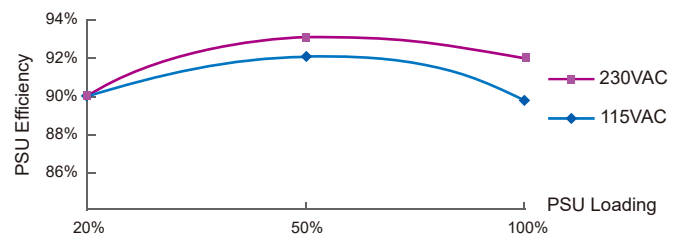


1200W/1050W: 30%

## Features

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

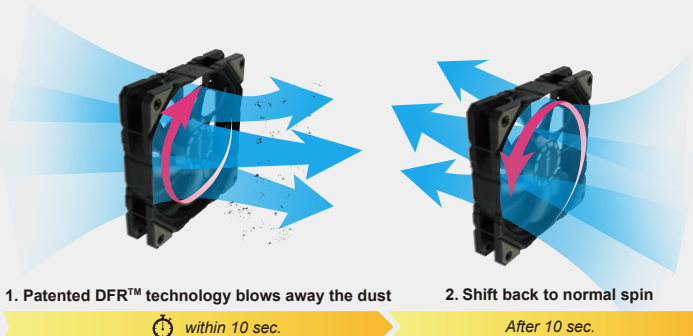
### High efficiency standard & ECO design



- **Patented Dust Free Rotation (DFR™) technology**

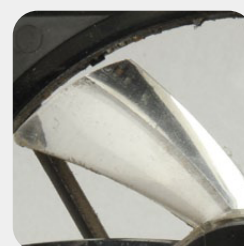
The Dust Free Rotation technology enables the fan to prevent dust accumulation to prolong the lifespan of the PSU.

### ○ How it works



### ○ Practical application

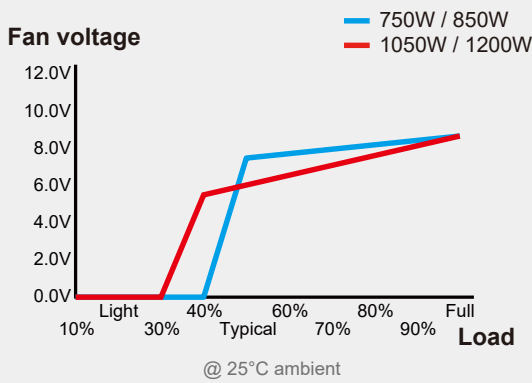
After 6 months



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

A switch at the back of the PSU enables users to activate DFR™ technology at any time during operation.



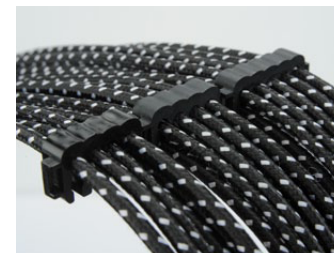
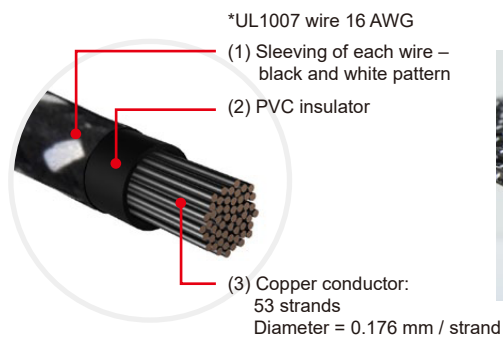
### Patented Twister Bearing Fan

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

### SLEEMAX™

Stylish individually sleeved cable, with high quality fabric to achieve a smooth, soft texture.

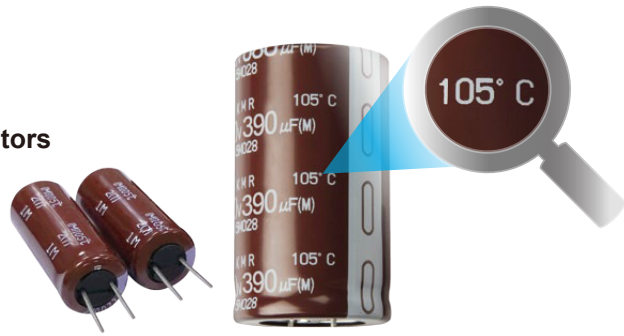
\*MB / CPU / PCI-E=16AWG (53 strands\*0.176mm)  
\*SATA / 4P Molex=18AWG (34 strands\*0.176mm)



### Full Modular Design

Full modular cable design for flexible system installation and easy cable management.

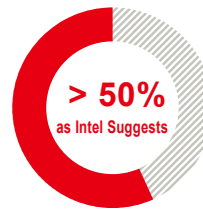
**100% 105°C Japanese Electrolytic Capacitors**  
 Highest component standards for maximum durability and stability.



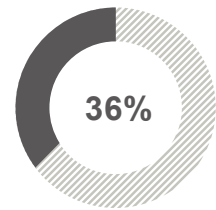
**Zero Load ready!**  
 DC to DC converter circuit ensures stable output voltage and delivers higher efficiency.

**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.

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



ENERMAX 2013 ErP Lot 6 Compliant PSU

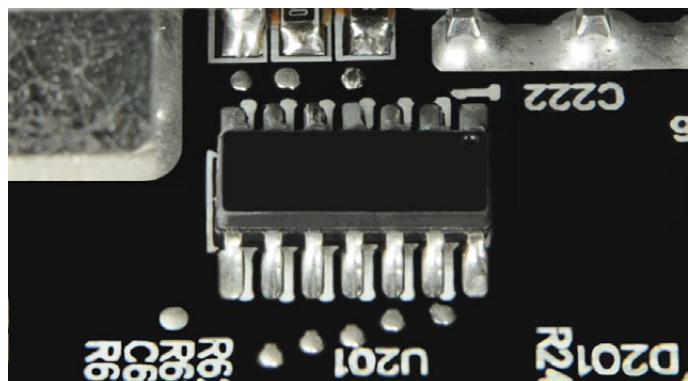


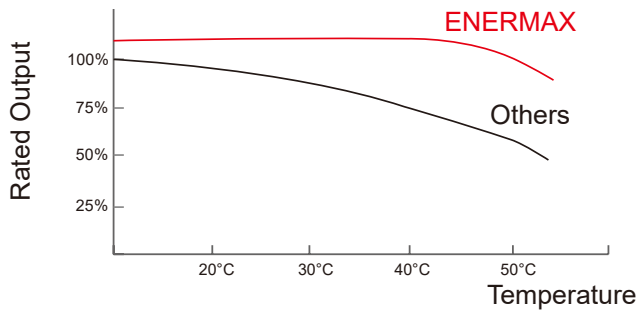
Non 2013 ErP Lot 6 Compliant PSU



**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 a minimum.

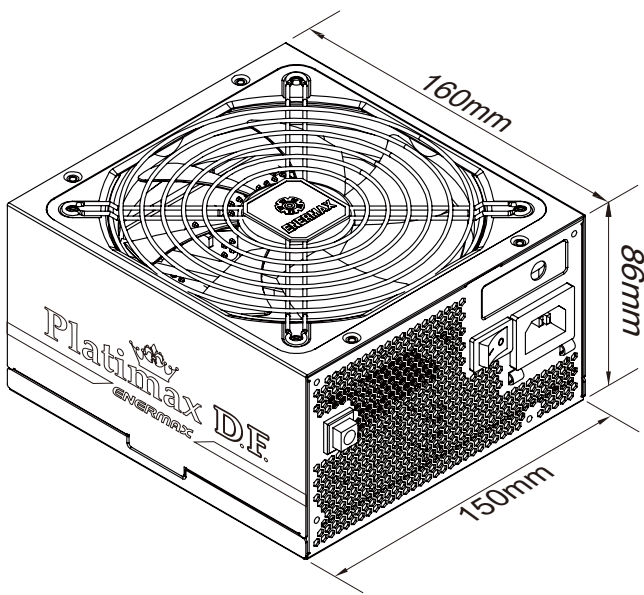
**SafeGuard**  
 Multiple protection circuitry of OCP, OVP, UVP, OTP, OPP, SCP and SIP protects your system.



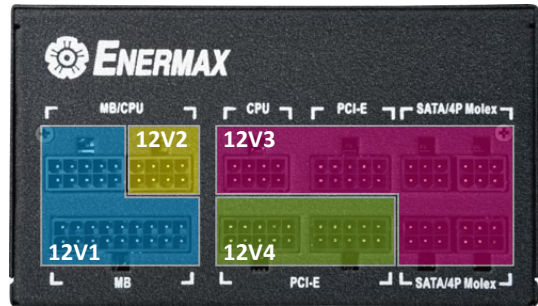


**24/7 @ 50°C ready!**  
 Non-Stop industrial class performance at 50°C ambient temperature.

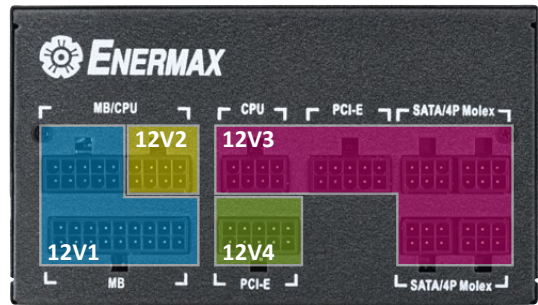
### Dimensions



### 12V Rails Distribution



850W / 1050W / 1200W




750W

This product includes multiple 12V rails with individual over current protection. Please divide the load between the 12V rails to prevent triggering the over current protection. Graphic cards with multiple PCI-E connectors can be splitted between 12V3 and 12V4 sockets.

### 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							
								
<b>Shipping Information</b>								
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	