

DUOFlow™ Design + FMA Technology
REVOLUTION DUO



- ▀ Ideal for PC cases with PSU shrouds
- ▀ DUOFlow™ design for active ventilation and silent operation
- ▀ Patented FMA (Fan-speed Manual Adjustment) to create turbo airflow



500W/600W/700W

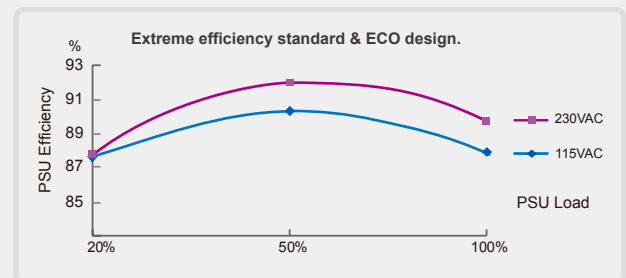


With the increasing demand for computer cases featuring PSU-Tunnel design (aka PSU shroud), REVOLUTION DUO is equipped with DUOFlow™ design to provide active ventilation and make efficient airflow management. What's more, the patented FMA technology allows users to instantly adjust the airflow via a turbo switch based on their system need.

Features

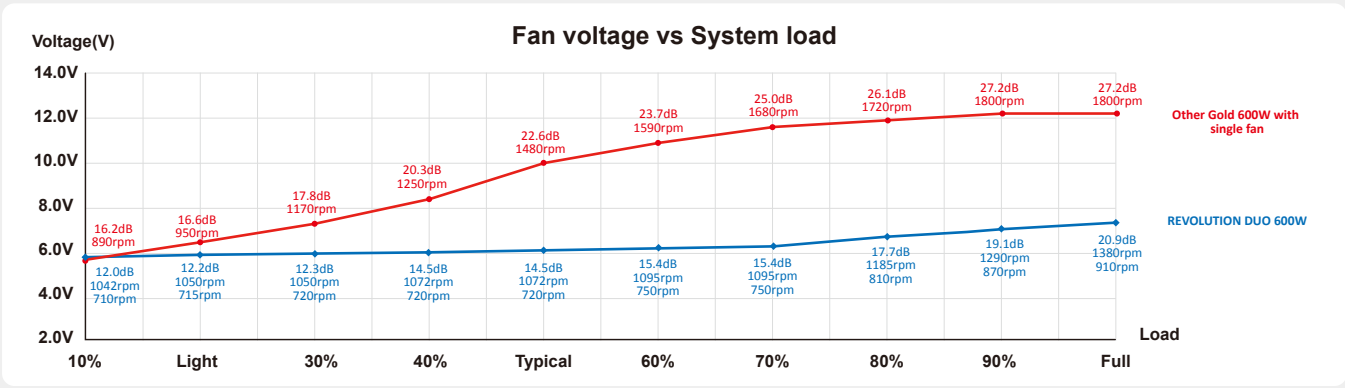
▀ 80 PLUS® Gold certified

87-92% high efficiency performance @ 20-100% load. 80 PLUS® Gold certified.



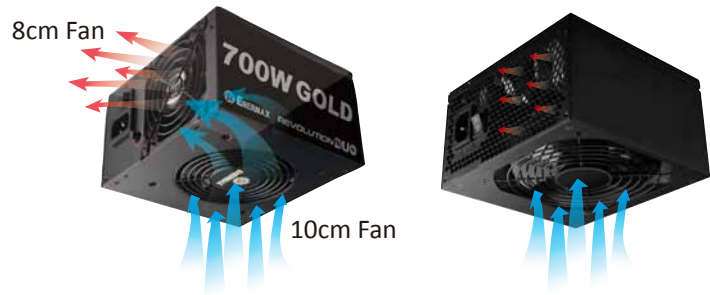
- ▀ REVOLUTION DUO with active ventilation design is ideal for PSU-Tunnel design (aka PSU shroud) case for ultimate airflow management

DUOFlow™ structure can provide active ventilation with constant and steady airflow, which greatly reduces the fan RPM and noise in comparison with single fan PSU.



Comparison: DUOFlow™ PSU vs Single fan PSU

The DUOFlow™ design features 2 ENERMAX patented Twister Bearing fans, 1* 10cm intake fan and 1* 8cm exhaust fan, creating dynamic airflow inside PSU for active ventilation.



Patented Twister Bearing Technology

Applying on the exclusive Nano magnetic design on the bearing shaft and the self-lubricating sleeve, the Twister Bearing fan can deliver longer lifetime and lower noise with minimal friction

Patented FMA (Fan-speed Manual Adjustment) technology allows users to manually adjust the fan RPM to increase airflow from the fans of PSU to provide extra cooling for the system when need.



FMA in different status

- High Its automatic fan control setting can provide sufficient cooling and silent operation.
- High Manual fan speed control allows you to reach the balance between extra cooling and silent operation.
- High It can generate strong airflow for extreme cooling performance.

Application 1: For PSU-Tunnel/PSU shroud case. The dual active fan design not only can take away the PSU internal heat, but can also be used to help HDD/SSD cooling when FMA is set at high.



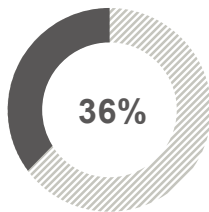
Application 2: For normal/open PC case REVOLUTION DUO can also improve the system cooling when FMA is set at high.



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



ENERMAX 2013 ErP Lot 6 Compliant PSU



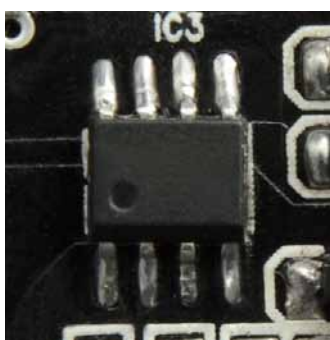
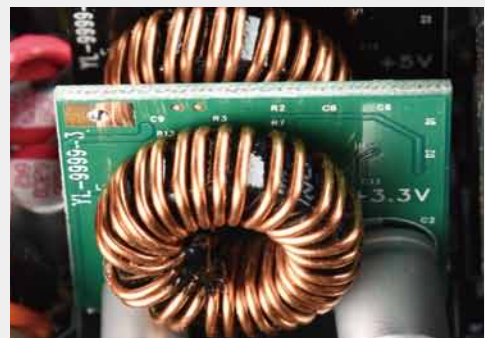
Non 2013 ErP Lot 6 Compliant PSU

2013 ErP Lot 6 ready

Help system meet 2013 ErP Lot 6 (<0.5W at standby mode) with high efficiency +5Vsb circuitry (only in combination with an 2013 ErP Lot 6-enabled motherboard).

Zero load ready!







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



SafeGuard

Multiple protection circuitry of OVP, UVP, OPP, OCP (+3.3V/+5V), SCP & SIP ensures your system safety.

Cables & Connectors

Model						
	Mainboard 20+4P (24P)	+12V CPU 4+4P (8P)	6+2P (8P) PCI-E	SATA	4P Molex	FDD
ERD500AWL-F	1	1	2	6	4	1
ERD600AWL-F	1	1	2	6	4	1
ERD700AWL-F	1	1	4	8	4	1

Specifications

Model	ERD500AWL-F		ERD600AWL-F		ERD700AWL-F	
AC Input	115-240VAC					
	47-63Hz					
Input Current	10-5.5A				15-7.5A	
DC Output						
	Rated	Combined	Rated	Combined	Rated	Combined
+3.3V	20A	100W	20A	100W	20A	100W
+5V	20A		20A		20A	
+12V	41.5A	498W	50A	600W	58A	696W
-12V	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
Total Power	500W		600W		700W	
Dimension	150(W)*86(H)*140(D)mm					
Bar code	EAN	4713157722331	4713157722348	4713157722355		
	UPC	816163008568	816163008575	816163008582		
Box dimension	240*200*98mm					
Gross Weight / unit	1.5kg		1.8kg		1.9kg	
Carton dimension	428*418*255mm					
Q'ty / carton	8					
Gross Weight / carton	12kg		14.4kg		15.2kg	
