

# RevoBron

Power Supply Series



 **ENERMAX**  
POWER. INNOVATION. DESIGN.  
[www.enermax.com](http://www.enermax.com)

- Patented Dust Free Rotation (DFR™) technology for the PSU fan
- DC-DC circuit for stable voltage output and higher efficiency
- COOLERGENIE included

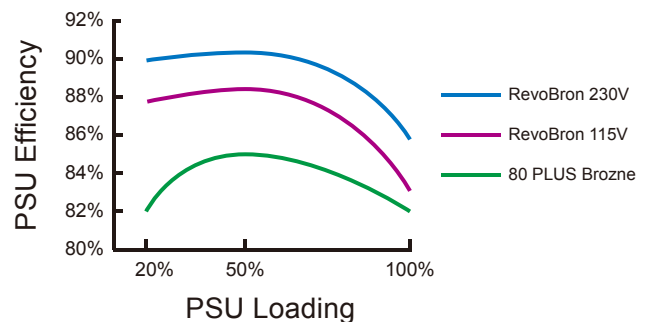


RevoBron series is 80 PLUS Bronze certified with up to 90% high efficiency at typical load at 230VAC. DC to DC circuit, dual +12V rail design, together with 100% 105°C Japanese electrolytic capacitors make RevoBron a really stable and durable unit. As for fan, RevoBron is equipped with Twister Bearing fan for silent cooling and Dust Free Rotation (DFR™) technology to make the PSU fan perform a self-cleaning spin for 10 seconds upon startup to blow away the accumulated dust. Furthermore, RevoBron comes with an exclusive accessory, COOLERGENIE, the intelligent 2-in-1 fan controller that provides system fans with semi-fanless control and fan-delay function. RevoBron series perfectly supports mainstream gaming rigs, multimedia systems, or home theater PCs.



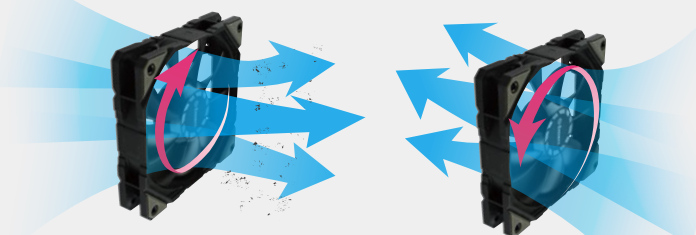
## Features

- 80 PLUS® Bronze certified**  
Meet 80 PLUS® Bronze standard with up to 90% superb efficiency @ 230VAC 50% load



- 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



- Patented DFR™ blows away the dust  
⌚ within 10 sec.
- Shift back to normal spin  
After 10 sec.

### Practical application

After 6 months



With DFR™ function



Without DFR™ function  
(more dust accumulates)

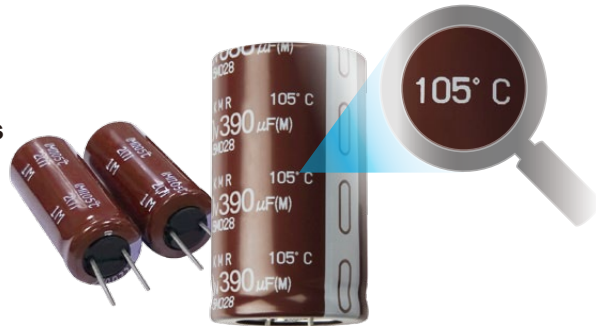


▼ **Twister Bearing fan (patented)**

12cm fan with patented Twister Bearing Technology ensures ultra silent cooling and long lifetime of fan (160,000 hours MTBF)

▼ **100% 105°C Japanese electrolytic capacitors**

Highest component standards for maximum durability and stability

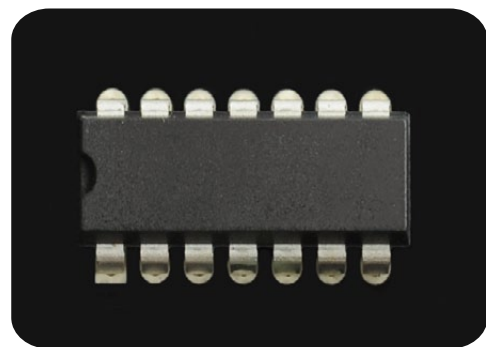


▼ **Zero load design**

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

▼ **SafeGuard**

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



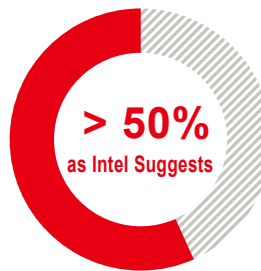
▼ **World ready!**

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

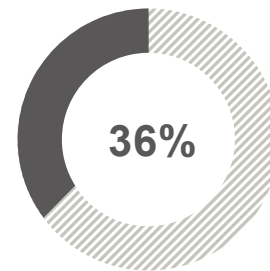
PSU +5Vsb efficiency @ 0.045A load, 230VAC

**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



ENERMAX 2013 ErP Lot 6 Compliant PSU



Non 2013 ErP Lot 6 Compliant PSU

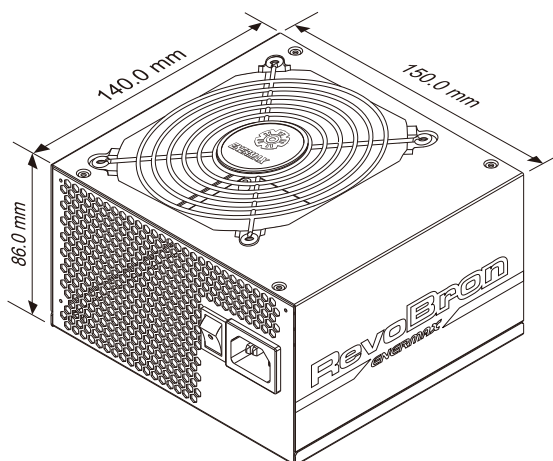
**COOLERGENIE (included)**



Fan-delay Tech. keeps your case cool after shutdown to prolong the system lifetime by dissipating the remaining heat

3 Semi Fanless modes for case fans offer a great balance between optimal cooling and silent performance of a system


**Dimensions**



**Cables & Connectors**

Model	Native Cables			Modular Cables		
	24P MB	4+4P (8P) CPU	6+2P (8P) PCI-E	SATA	4P Molex	FDD (adapter)
ERB500AWT	1 (60cm)	1 (70cm)	2 (50/15cm)	6 (45/15/15cm)	4 (45/15/15/15cm)	1 (10cm)
ERB600AWT	1 (60cm)	1 (70cm)	4 (50/15cm)	8 (45/15/15/15cm)	4 (45/15/15/15cm)	1 (10cm)
ERB700AWT	1 (60cm)	1 (70cm)	4 (50/15cm)	8 (45/15/15/15cm)	4 (45/15/15/15cm)	1 (10cm)

## Specifications

Model Number	ERB500AWT		ERB600AWT		ERB700AWT	
AC Input Voltage	100-240VAC, 47-63Hz					
AC Input Current	8A-4A		9A-4.5A		10A-5A	
<b>DC Output</b>						
	Rated	Combined	Rated	Combined	Rated	Combined
+3.3V	22A	110W	22A	120W	22A	130W
+5V	18A		18A		18A	
+12V1	25A	498W (41.5A)	30A	600W (50A)	35A	696W (58A)
+12V2	25A		30A		35A	
-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	
Peak power	550W		660W		770W	
Dimensions	140(D) x 150(W) x 86(H) mm					
						

### Shipping Information

Model		ERB500AWT	ERB600AWT	ERB700AWT
Bar code	EAN	4713157722966	4713157722973	4713157722980
	UPC	816163009763	816163009770	816163008787
Box dimensions		231(D) x 217(W) x 98.5(H) mm		
Gross Weight / unit		2.2 kg	2.3 kg	2.4 kg
Carton dimensions		467(D) x 259(W) x 352(H) mm		
Q'ty / carton		6		
Gross Weight / carton		13.6 kg	15.0 kg	15.2 kg