

MAXREVO

POWER SUPPLY



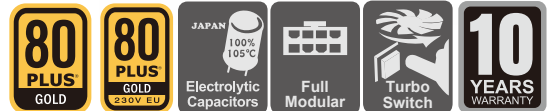
- 1800 watt power in a compact design
- Dual 80 PLUS® Gold certification
- Patented Turbo Switch design
- 10-year warranty

MAXREVO 1800 is a premium power supply for supercomputers with power-hungry system and multiple graphics cards. Six powerful +12V rails and 12 PCI-E connectors provide strong output capabilities without compromising hardware security. MAXREVO 1800 has a dual efficiency certification for 115V and 230V and complies with the 80 PLUS® GOLD and 80 PLUS® GOLD 230V EU requirements. The patented ENERMAX Turbo Switch design offers the option of setting the fan speed to a maximum of 3100 RPM at the touch of a button. This can improve the cooling of critical components by 10-15 °C compared to normal operation and also increase the airflow in the chassis. The high-density PCB design allows MAXREVO 1800 to achieve a chassis depth of only 18 cm without sacrificing efficiency or performance. The special design can even deliver up to 1900 watts of peak output power.



1800W

1600W @ 115V



Features

Compact PCB Design

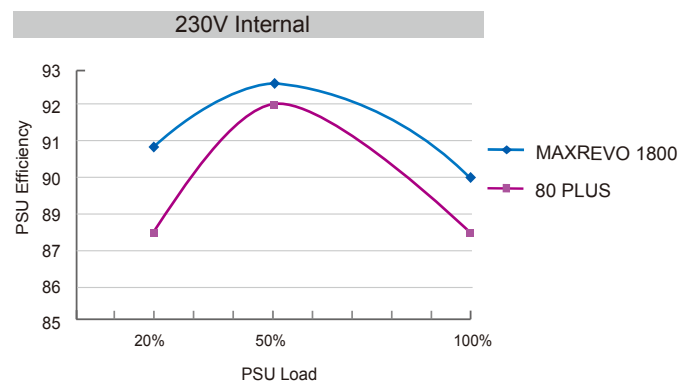
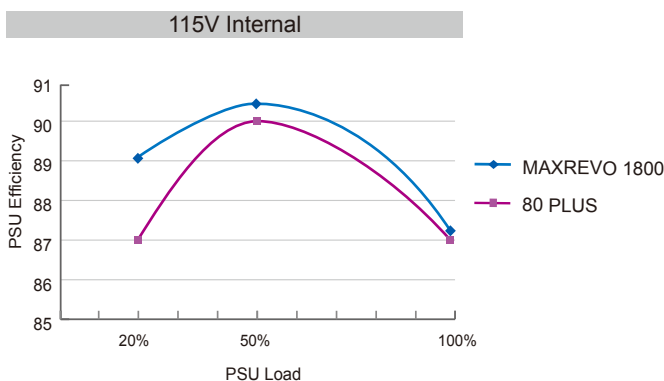
The high-density PCB design allows the MAXREVO 1800 to create a compact enclosure with a depth of only 18 cm and lower drag for better cooling of components.



1800W* 80 PLUS® Gold PSU *1600W @ 115V

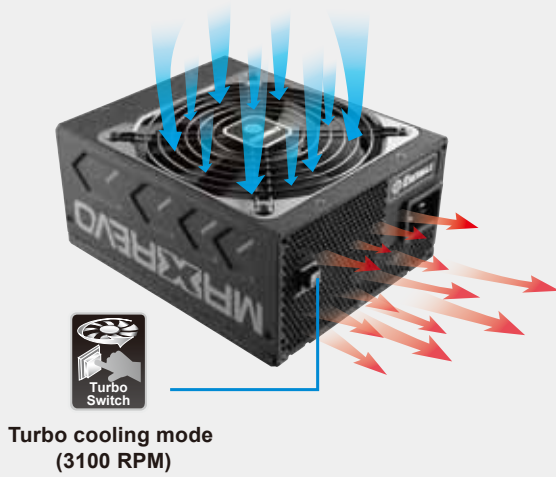
Dual 80 PLUS® Gold certification

MAXREVO 1800 is not only certified 80 PLUS® Gold with requirements of 87-90% efficiency for 20-100% load at 115V, but also 80 PLUS® GOLD 230V EU with requirements of 89-92% efficiency for 20-100% load at 230V.

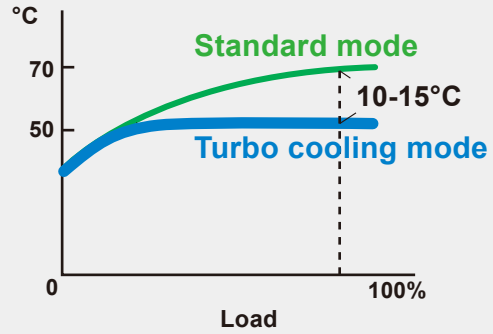


Patented Turbo Switch Design

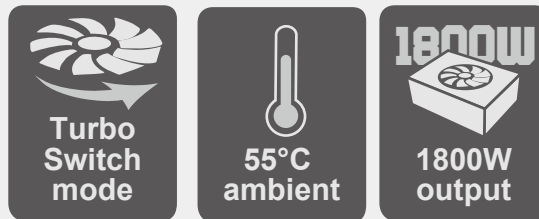
For supercomputers, cooling the components under constant loads is one of the most important issues. The patented Turbo Switch sets the fan speed to the maximum speed of 3100 rpm, which can increase the cooling of critical components by 10-15°C compared to normal operation.



Lower the temperature of key components



The turbo cooling mode allows the power supply to deliver 1800 watts of continuous power at 55°C ambient temperature.



The stronger air flow also helps to dissipate the heat inside the chassis.

MAXREVO 1800 under Turbo switch mode

Other PSU without Turbo switch design





10-years warranty

High-quality components and service guaranteed by a 10-year manufacturer's warranty.

100% 105°C Japanese electrolytic capacitors

For maximum durability and stability, MAXREVO 1800 is equipped with 100% 105°C Japanese electrolytic capacitors that can deliver up to 1800W*.

*1600W@ 115V



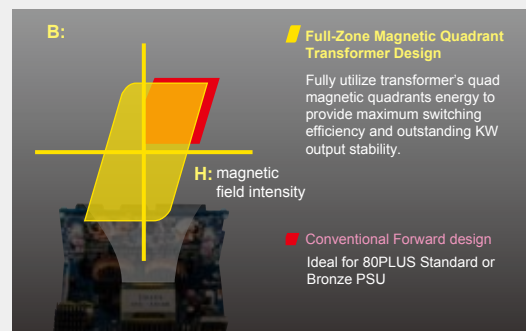
Extreme density transformer

The innovative design increases transformer core utilization and reduces overall dimensions.

- 1. Extreme power density performance
- 2. 50% reduction in space compared to conventional design
- 3. Excellent heat dissipation
- 4. Low air resistance and less air friction noise

FMQ Design

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



Zero load ready!

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

USB fan included

Limited edition with multifunctional USB cross-flow fan included.



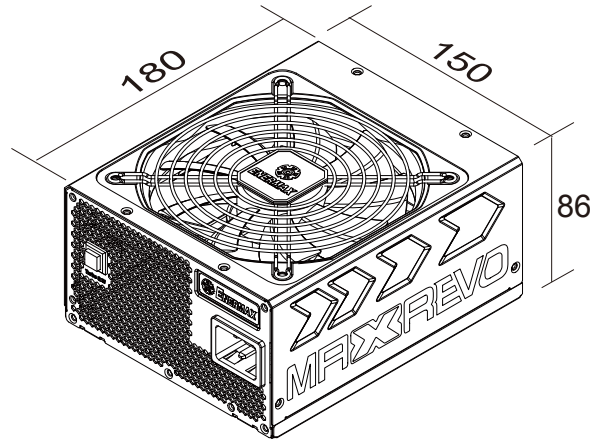
FANICER



Multi-functional USB Cross-flow Fan

Dimension








Unit: mm



Cables & Connectors

Modular Cables		Cable Q'ty	Cable Length
24P MB		x 1	60cm
8P CPU		x 1	65cm
6+2 Pin PCI-E		x 6	50cm
8P & 4P 12V CPU/RAM		x 1	60cm
4 x SATA		x 3	45/60/75/90cm
4 x 4 Pin Molex + FDD		x 2	45/60/75/90/105cm
2 x SATA + 2 x 4 Pin Molex		x 1	45/60/75/90cm

Specifications

Model Number	EMR1800EXT			
AC Input Voltage	115-240VAC, 50-60Hz		220-240VAC, 50-60Hz	
AC Input Current	16A-8A		9-8A	
DC Output				
	Rated	Combined	Rated	Combined
+3.3V	25A	140W	25A	140W
+5V	25A		25A	
+12V1	20A	1596W (133A)	20A	1800W (150A)
+12V2	35A		35A	
+12V3	35A		35A	
+12V4	35A		35A	
+12V5	35A		35A	
+12V6	35A		35A	
-12V	0.5A	6W	0.5A	6W
+5Vsb	4A	20W	4A	20W
Total power	1600W		1800W	
Peak power*	1700W		1900W	
Dimension	150 (W) x 86 (H) x 180 (D) mm			
Weight	2.3kg (without modular cables) ±50g			
       				
Shipping Information				
Bar Code	EAN	4713157723734		
	UPC	819315023730		
Box Dimensions	380 x 370 x 115mm			
Gross Weight / unit	5.86kg			
Carton Dimensions	370 x 395 x 388mm			
Q'ty / carton	3 pcs			
Gross Weight / carton	18.7 kg			

* Peak power may last up to 60 seconds.