

REVOLUTION X't POWER SUPPLY WITH 430/530/630/730 Watts

ENERMAX

AHEAD OF THE GAME

ERX430/530/630/730AWT



Features

	<p>80 PLUS® GOLD Up to 92 percent efficiency at 230V and 20 to 100 percent load. 80 PLUS® Gold certified.</p>
EFFICIENCY	<p>ErP Lot 6 2013 ready! Help systems to meet the latest EU eco-design directive ErP Lot 6 2013 (< 0.5W in standby mode*) due to a high-efficient 5V standby (+5Vsb) circuitry. *only in combination with an ErP Lot 6 2013 ready mainboard</p>
	<p>DC-to-DC Design The secondary voltages (+5V and +3.3V) are generated by the primary voltage rail (+12V). Positive effect: Higher efficiency, clean output voltages (low ripple & noise) and a perfect voltage regulation at all loads.</p>
POWER	<p>Full GPU & CPU Power Massive 12V rail to power high-performance and overclocked processors and graphics cards. More than 97 percent of the total power of the PSU can be delivered by the 12V rail only.</p>
	<p>Full Gaming Power Min. two 6+2P (8P) PCI-E connectors to power the latest high-end graphics cards and multi-GPU systems (CrossfireX™ & SLI™).</p>
CONNECTIVITY & COMPATIBILITY	<p>Modular & Flat Cables Simplify the cable routing and enhance the airflow inside the case.</p>
	<p>Intel® Haswell™ Ready! Supports the C6/C7 energy-saving functions of the latest Intel® CPUs incl. the forthcoming Intel® Haswell™ generation.</p>
	<p>Intel ATX 12V v2.4 Compliant with the latest desktop power supply design guide. Full support of most current Intel® and AMD® CPU.</p>
	<p>Worldwide Compatibility 100-240V AC input with automatic adjustment and up to 99% active Power Factor Correction (PFC) for global usage.</p>
COOLING	<p>Air Cooling by Enermax Integrated 13.9cm fan with patented Twister Bearing Technology ensures efficient and ultra silent cooling and long lifetime (100,000 hours MTBF).</p>
	<p>SpeedGuard Ultra silent and powerful cooling performance due to an advanced and intelligent fan speed control.</p>
	<p>HeatGuard Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolonging the system's lifetime.</p>

Features

QUALITY & SAFETY

High-quality Japanese Main Capacitors

Highest component standards for maximum stability and durability.

Non-Stop 24/7 @ 40°C

Non-stop industrial class performance at 40°C/104°F ambient.

SafeGuard

Multiple protection circuitry of OVP, OTP, OPP, SCP and SIP.

CordGuard

Fixing the AC cord tightly to avoid accidental shutdowns of your PC.

+ INFO

Compact, Scratch-resistant Housing

Dimensions: 150 mm x 86 mm x 160 mm (W x H x D)

5 years vendor warranty








Cables and Connectors

ERX430
AWT

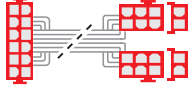

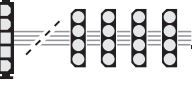
ERX530
AWT

ERX630
AWT





ERX730
AWT

Native Connectors					
EPS12V 24 Pin		1x 55cm	1x 55cm	1x 55cm	1x 55cm
CPU 4+4 Pin		1x 60cm	1x 60cm	1x 60cm	1x 60cm
PCI-E 2.0 6+2P (8P)		-	-	2x 45cm	2x 45cm
Modular Connectors					
SATA		8x	8x	8x	8x
4P Molex		4x	4x	4x	4x
PCI-E 2.0 6+2P (8P)		2x	2x	2x	2x
FDD		1x	1x	1x	1x

Cables and Connectors

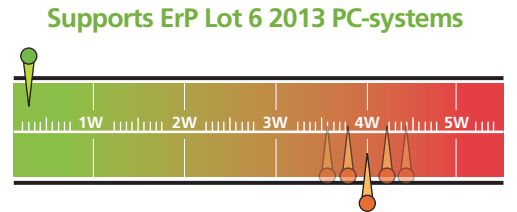
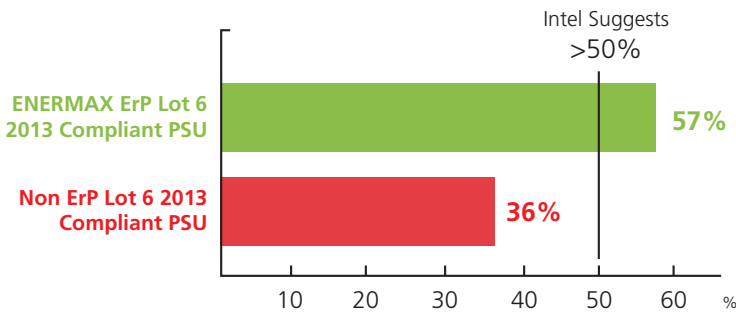
Modular Cables		ERX430 AWT	ERX530 AWT	ERX630 AWT	ERX730 AWT
EMC014-F 2x PCI-E 2.0 6+2 Pin		1x 50cm	1x 50cm	1x 50cm	1x 50cm
EMC019-F 4x SATA		2x 45 / 60 / 75 / 90cm	2x 45 / 60 / 75 / 90cm	2x 45 / 60 / 75 / 90cm	2x 45 / 60 / 75 / 90cm
EMC020-F 4x 4 Pin Molex + FDD		1x 45 / 60 / 75 / 90 / 105cm	1x 45 / 60 / 75 / 90 / 105cm	1x 45 / 60 / 75 / 90 / 105cm	1x 45 / 60 / 75 / 90 / 105cm

Specifications

	ERX430 AWT	ERX530 AWT	ERX630 AWT	ERX730 AWT				
AC Input Rating								
Input Voltage	100-240VAC, 50-60Hz							
Input Current	10-5A							
DC Output Rating								
+3.3V	20A	100W	20A	100W	25A	125W	25A	125W
+5V	20A		20A		25A		25A	
+12V	35A	420W	43A	516W	51A	612W	60A	720W
-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W
+5Vsb	3A	15W	3A	15W	3A	15W	3A	15W
Total Power	430W		530W		630W		730W	
Modular Sockets								

ErP Lot 6 2013 ready!

ErP Lot 6 (ErP = Energy-related Products, previously EuP = Energy-using Products) is part of the EU eco-design directive and amongst others defines the maximum power consumption of PC systems in standby mode. Following this regulation, a PC system must not consume more than 0.5W. The decisive components to fulfil the ErP Lot 6 targets are the mainboard and the PSU. Enermax relies on a circuit design, which improves the efficiency of the 5V standby rail (+5Vsb) about 20 per cent.



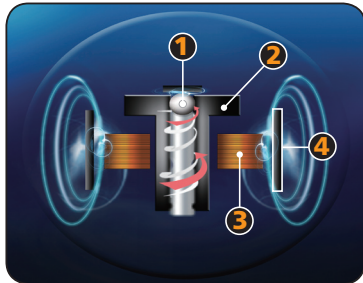
Does not support ErP Lot 6 2013 PC-systems

Twister Bearing Technology

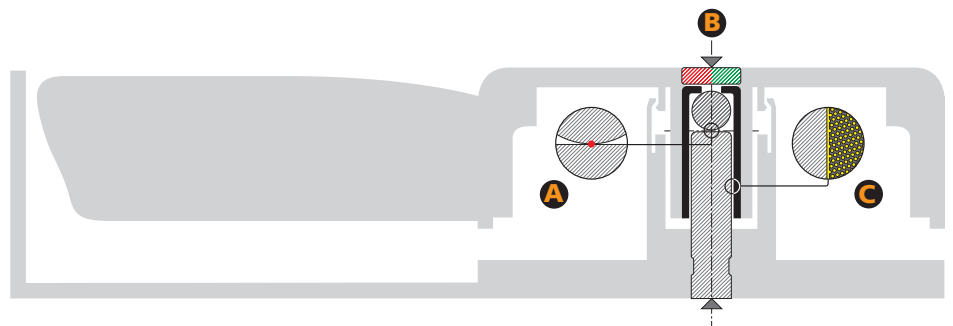
Twister Bearing Technology (patented)

Persistent low noise level

Longer life: up to 100,000 hours MTBF



- 1 Magnetized steel ball
- 2 Self-lubricating nano bearing
- 3 Coils
- 4 Flexible magnets inside the rotor



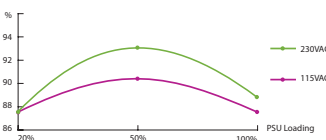
- A Minimal contact area
For an effective noise reduction
- B Rotor with integrated magnet
For a frictionless and smooth motion
- C Self-lubricating bearing sleeve
Abrasion protection for a longer lifetime

Up to 92% Efficiency

@ 230V

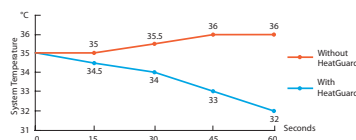


PSU Efficiency



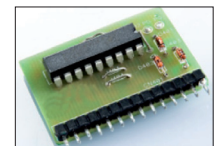
Leading Technology for highest efficiency.

HeatGuard



Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat.

SafeGuard



Multiple protection circuitry of OVP, OTP, OPP, SCP and SIP.

Certifications & Standards

