



XTC

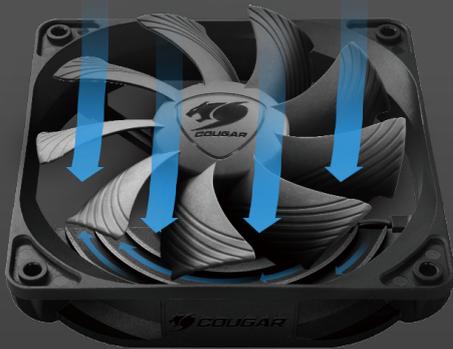
450W / 550W / 650W

Rigid Reliability, Extreme Silence



120mm Extreme Temperature Control

Using COUGAR's exclusive 120mm silent fan, the advanced frame increase the concentration of air-flow and its fan curvature has been fine-tuned to reduce vibration at any loads, helping you enjoy a quieter gaming experience.



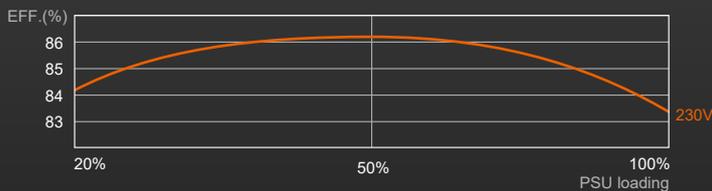
Noise Minimization



The Japanese polypropylene capacitor minimize the noise during the voltage transition.

Power Conversion Efficiency

Up to 86% efficiency under 230V. A guaranteed highly reliable power supply.



Massive Single +12V DC Output

Tight voltage regulation and extreme stability for powerful graphic systems.

XTC Series		Other PSU	
Single Rail 12V		Multi Rail 12V	
12V	52A (624W)	12V 1	12V 2
		26A (312W)	26A (312W)
624W		624W	

* Comparison based on XTC650's performance data.

105°C Japanese Standby Capacitor

XTC includes 105°C Japanese standby capacitor will keep providing the stable electrical supply for a long time.

XTC 105°C JAPANESE STANDBY CAPACITOR			
Other PSUs 85°C Capacitors	LIFESPAN EXTENDED BY 300%		

Time

Superior Fan Curve Tuning

Advanced technology for noise minimization

Strong Safeguards : OCP, OPP, OVP, UVP & SCP

Maximum safety for your key system components

Active Power Factor Correction (Active PFC)

PFC value up to 99%, provides clean and reliable power

Compatible with the Newest Components

Created for use with multi-core CPU and PCI express 3.0 VGA cards with 8(6+2) pin connector.

	AC Input	DC Output					Watt.
		+3.3V	+5V	+12V	-12V	+5Vsb	
XTC 450 CGR ST-450	200-240V~ 50Hz / 6.3A	15A	15A	34A	0.3A	2A	450W
		105W		408W	3.6W	10W	
XTC 550 CGR ST-550		16A	18A	42A	0.3A	2.5A	550W
		110W		504W	3.6W	12.5W	
XTC 650 CGR ST-650		18A	20A	52A	0.3A	3A	650W
		130W		624W	3.6W	15W	

Connector	Black Flat Cables				
	MB	CPU	P-ATA	S-ATA	PCI-E
Pin	24 (20+4)	8 (4+4)	4	5	8(6+2)
Length (mm)	550	650	450	450	450
XTC 450	1	1	2	4	2
XTC 550	1	1	2	5	2
XTC 650	1	1	2	6	2

