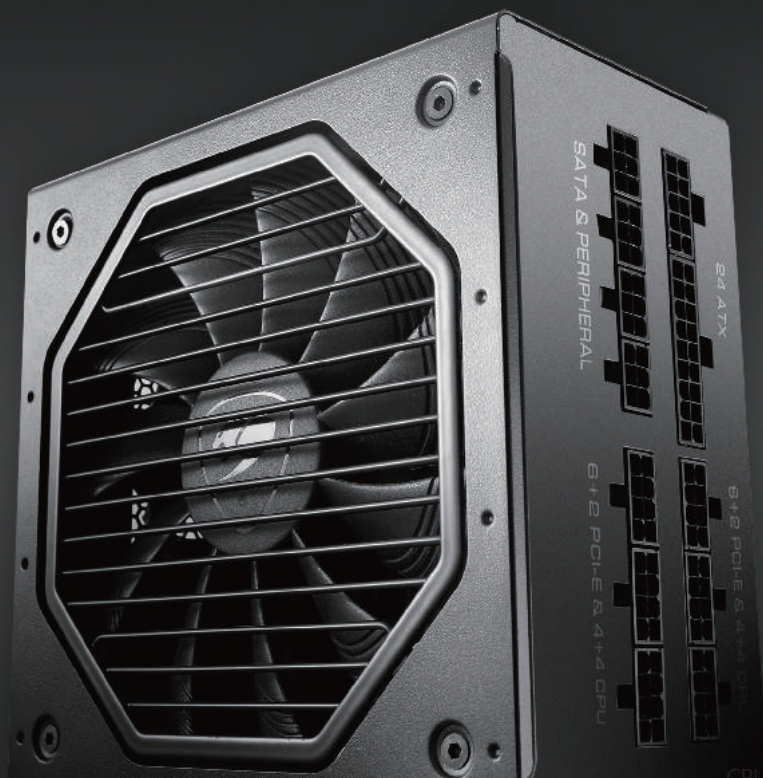




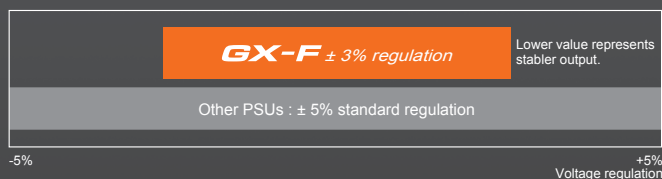
GX-F

550W/650W/750W



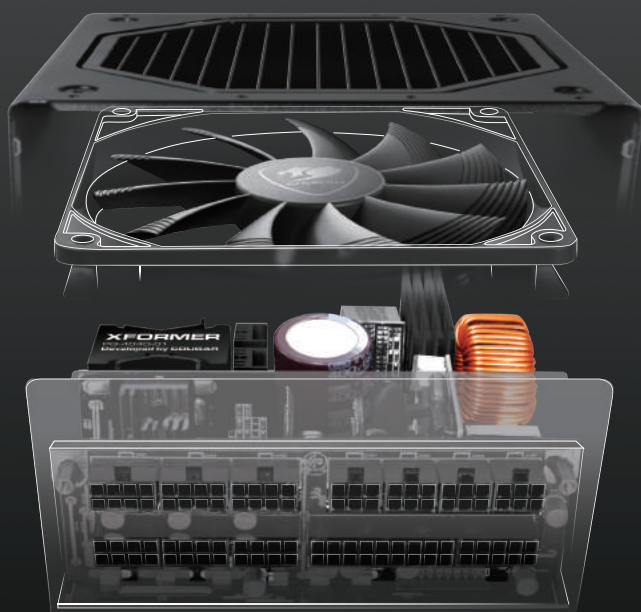
STABLE

- LLC, DC-DC and Tri-Sense(3.3V, 5V, 12V) design for stable outputs
- Tight 3% voltage regulation for ultra-stable operation
- 6 solid protections: OTP, OCP, OPP, UVP, OVP and SCP



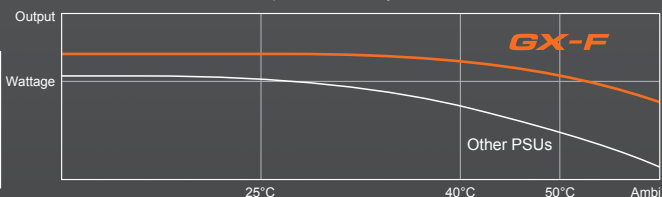
COMPACT

- 150mm length for easy installation, especially in compact ATX cases
- Flat and long modular cables for better airflow and a tidier case
- 100% external cable management: get less cable clutter and a cleaner build!

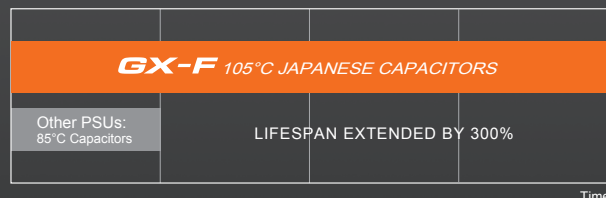


DURABLE

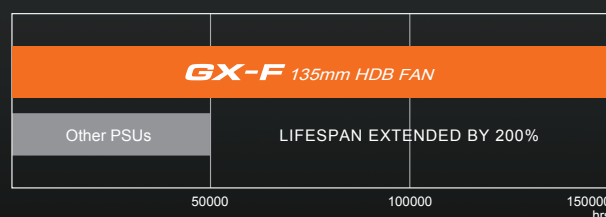
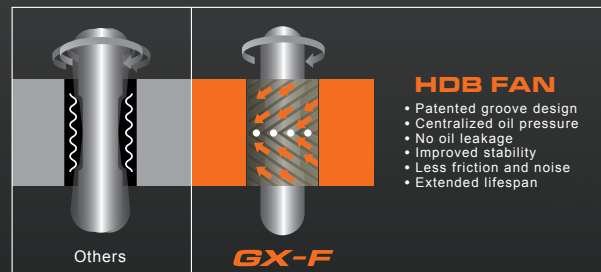
- Continuous and flawless power delivery at 50°C



- Highly durable and consistently reliable 105°C Japanese main and standby capacitors



- COUGAR 135mm Hydro Dynamic Bearing fan for a long useful life
- COUGAR GX-F's 135mm HDB fan provides an optimized airflow with reduced vibration noise and extends the unit's lifespan



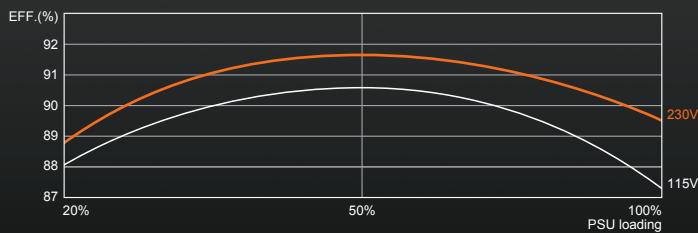
REFINED

- COUGAR Xformer: This high-frequency transformer reduces copper loss and adapts to rising temperatures, while its PQ-Type core further increases efficiency and reliability while keeping the temperature under control
- Streamlined PCB wave soldering: A precise board-to-board connection improves the GX-F's internal structure, eliminating intermediate cables that produce electrical losses and further enhancing its efficiency



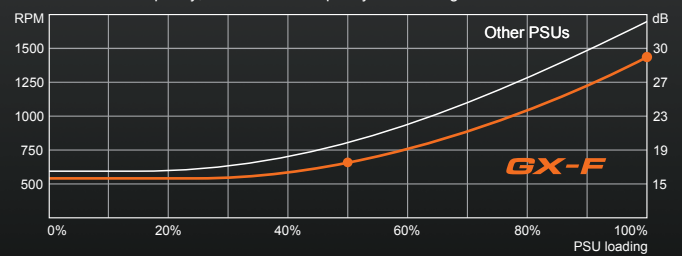
EFFICIENT

- Surpasses 80Plus® Gold efficiency power requirements to minimize your electricity bill, even at 40°C

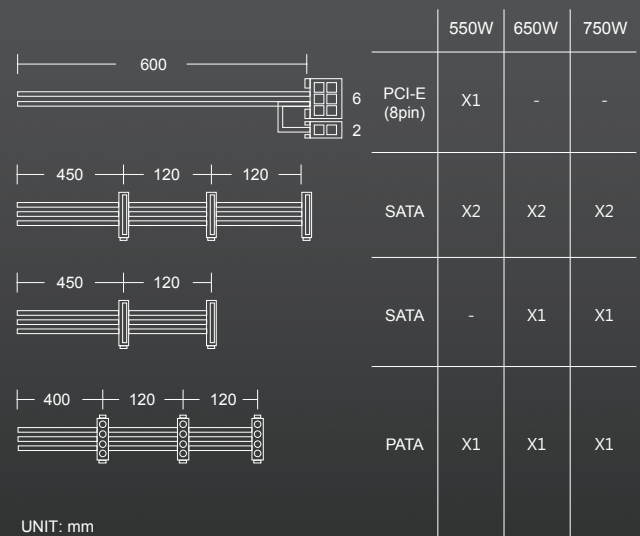
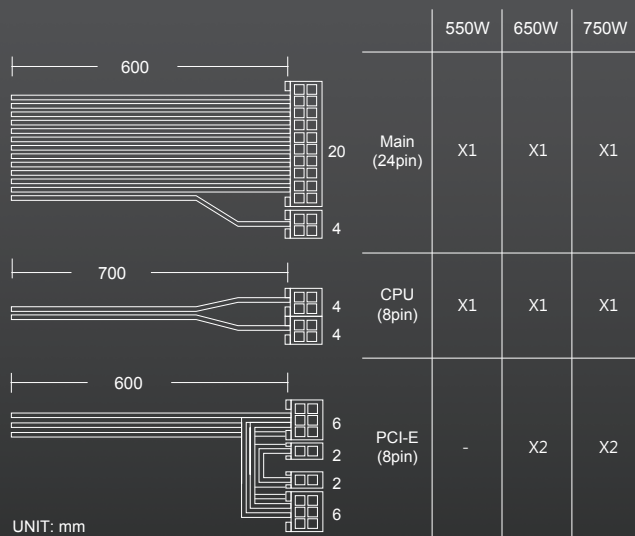


SILENT

- COUGAR 135mm HDB fan achieves the best balance between RPM and noise
- 27dB at full capacity, 15dB at 50% capacity: Minimizing fan noise in all situations



CABLE ARRANGEMENT



SPECIFICATION

	AC input	DC output						Connector	Main	CPU	Peripheral	S-ATA	PCI-E
		+3.3V	+5V	+12V	-12V	+5Vsb	Total						
GX-F 550 CGR GD-550	AC100-240V 47-63Hz 9-4A	24A	24A	45.5A	0.5A	3A	550W	Pin	24 (20+4)	8 (4+4)	4	5	8
		130W		546W									
GX-F 650 CGR GD-650	AC100-240V 47-63Hz 10-5A	24A	24A	54A	0.5A	3A	650W	GX-F 550 CGR GD-550	1	1	3	6	2
		130W		648W				GX-F 650 CGR GD-650	1	1	3	8	2
GX-F 750 CGR GD-750	AC100-240V 47-63Hz 11-5A	25A	25A	62A	0.5A	3A	750W	GX-F 750 CGR GD-750	1	1	3	8	4
		150W		744W									