

At 140mm length, LX is one of the most compact fully modular PSUs you will find on the market. This means it will fit in a wide range of cases, and give you additional flexibility for building your PC.

COUGAR

POWER SUPPLY UNIT

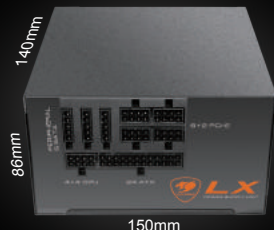
LX

ULTRA-COMPACT FULLY MODULAR POWER SUPPLY

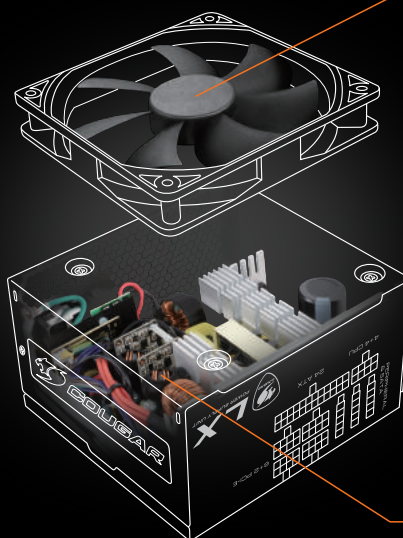
- **COMPACT SIZE: FOR ALL PC CASES**
Its 140mm length suits most cases
- **FULLY MODULAR POWER SUPPLY UNIT**
Connect only the cables you need for less clutter and better airflow
- **HDB FAN POWERED**
Hydro Dynamic Bearing fan: Extended durability and lower noise levels
- **FAN CURVE FINE TUNING**
Advanced technology for better cooling quality
- **IMPRESSIVE OPERATION AT 40°C**
Powerful performance at 40°C/104°F ambient temperature
- **80-PLUS BRONZE CERTIFIED**
Efficiency up to 88% power conversion for reducing your electricity bill
- **COMPLIANT WITH ErP Lot 2013**
Energy consumption in standby is <0.5W: Extremely eco-friendly
- **SUPPORT FOR MULTI-GPU TECHNOLOGY**
Supports PCI Express 3.0 graphic card with 6+2pin PCI-E connector
- **ULTRA STABLE VOLTAGE OUTPUTS**
DC to DC technology for enhanced voltage stability
- **SINGLE +12V DC SOURCE**
Massive outputs for high power devices
- **STRONG SAFEGUARDS: OCP, OPP, OVP, UVP & SCP**
Maximum safety for your key system components
- **OPTIMIZED OVER CURRENT PROTECTIONS**
Your components will operate stably and protected from any harm

Model Name	AC input	DC output					
		+3.3V	+5V	+12V	-12V	+5Vsb	Total
LX500 CGR BX-500	100-240Vac 50-60Hz 8-4A	24A	20A	40A	0.3A	3A	500W
LX600 CGR BX-600	100-240Vac 50-60Hz 10-5A	24A	20A	49A	0.3A	3A	600W

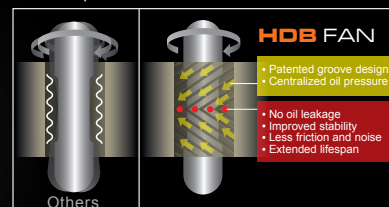
Connector	Main	CPU	Peripheral	S-ATA	PCI-E
Pin	24(20+4)Pins	8(4+4)Pins	4 Pins	5 Pins	8(6+2)Pins
LX500	1	1	3	5	2
LX600	1	1	3	6	4



ADVANCED FULLY MODULAR CABLES
Connect only the cables you need: Less cable clutter and friction, better airflow.



Cougar LX's 120mm HDB fan provides an optimized airflow with reduced vibration noise and extends the unit's lifespan.



BEST LIFESPAN

LX HDB (HYDRO-DYNAMIC BEARING) 3 TIMES THE STANDARD LIFESPAN		
Standard	40°C MTBF	
50000	100000	150000 hrs



DC-DC power conversion technology to regulate a stable voltage output for your PC's components.