XPREDATOR
WWW.AEROCOOL.COM.TW
POWER SUPPLY
80 PLUS BRONZE
MODULAR GAMING PSU
450M
Aero Cool

MORE THAN BRONZE

Much more efficient than standard 80Plus Bronze - 87%+ at 115V and 90%+ at 230V under typical load.

80Plus Bronze certified efficiency.

"XPREDATOR"THEME

"Xpredator" themed designed with powerful 12V combined output and ultra quiet fan with optimized fan curve.

AIMED AT SILENCE

Optimized fan curve controls fan speed under low RPM below typical loading.

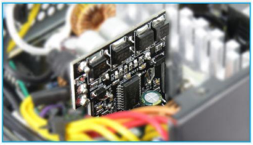
Sockets for peripherals
Sockets for VGA

SMART MODULAR CABLES

Black flat modular cables reduce the cable mess inside chassis and optimize airflow of your system.

DC TO DC CIRCUIT

DC-to-DC circuit design offers benefits such as greater compatibility, more stable voltage regulation, and more 12V total output.

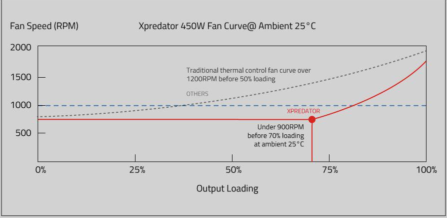


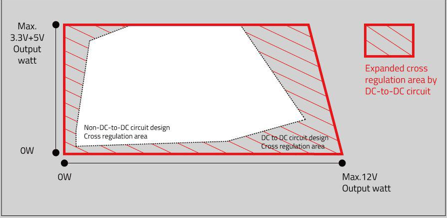
FEATURE

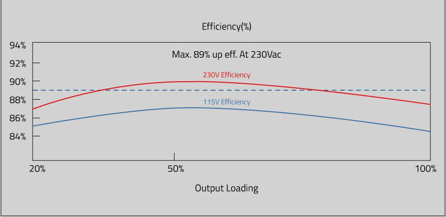
- Uncompromised real 450W continuous DC output.
- All direct mesh-sleeved cables and flat modular cables optimize airflow and management.
- Greater DC to DC VRM (Voltage Regulation Management) design outputs more stably and efficiently.
- Compliant with latest INTELR ATX12V Ver.2.4 design guide.
- Support latest INTEL 4th generation "HASWELL" CPU with C6/C7 power saving mode.
- Up to 85%+ efficiency with official 80Plus Bronze certificate.
- Single 12V rail for high compatibility and extreme high current output.
- Good DC output quality with low ripple noise to reduce interference of system components.
- 20+4P and CPU 4+4P cable length up to 550mm - easy reach to all components.
- One PCIe 6+2pin connectors for mid-ranged graphic card.
- Up to 6 SATA connectors supports multiple of hard drives.
- 12cm silent grey fan with smart thermal fan speed control circuit.
- Complete protections with OVP/UVP/OPP/SCP/SIP.
- Safety and EMC certified by CE and TUV.
- ECO friendly with Active PFC, RoHS and ErP Lot 6 2013 (<0.5w at standby mode)

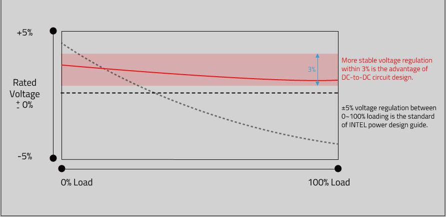
GALLERY

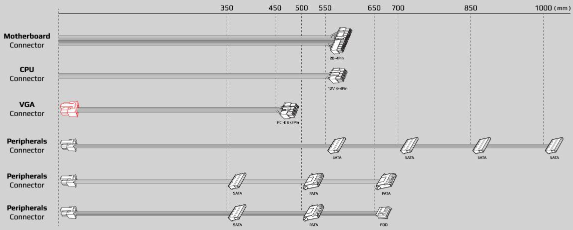
AC Input	100-240VAC 7-3.5A 47-63Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5VSB
Max Current	20A	20A	37A	0.3A	2.5A
Max. Combined Power	100W		444W	3.6W	12.5W
	450W				
EAN CODE	4713105953800 - Xpredator 450M				




Max.
3.3V+5V
Output
watt
0W
Non-DC-to-DC circuit design
Cross regulation area
DC to DC circuit design
Cross regulation area
0W
Max.12V
Output watt
Expanded cross
regulation area by
DC-to-DC circuit






350
450
500
550
650
700
850
1000 (mm)
Motherboard
Connector
20+4Pin
CPU
Connector
12V 4+4Pin
VGA
Connector
PCI-E 6+2Pin
Peripherals
Connector
SATA
SATA
SATA
SATA
Peripherals
Connector
SATA
PATA
PATA
Peripherals
Connector
SATA
PATA
FDD

Cables and Connectors Usage Guidelines

DOWNLOAD

THUNDERX3

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