



80 Plus Bronze Certified
2013 ErP Lot 6 Compliant
DC-DC Converter Design



700/800W
LEPA B SERIES

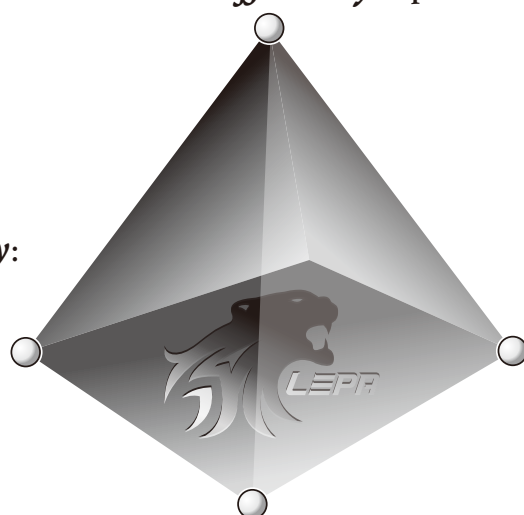
Product Features

- 80 Plus Bronze certified to deliver up to 88% efficiency
- DC-to-DC converter design ensures system stability.
- Double Forward circuit design provides high efficiency
- High efficiency SVSb circuit helps system meet EU ErP Lot 6 (2013) standards.
- High quality 105°C Japanese main capacitor provides great reliability
- 140mm two-ball bearing cooling fan with thermal programmed speed controller delivers silent, cool operation.
- Hybrid modular cabling design with decent flat cables makes system upgrade and replacement easy
- Powerful +12V rail output offers great compatibility with heavy-duty graphics cards
- Active Power Factor Correction provides extremely high PF value of 0.99.
- Universal AC Input from 100V - 240V (Full Range)
- Over Power, Over Voltage, Over Temperature, Short-circuit, Brown-out protection provide great safety to your system.
- ATX12V version 2.3 and EPS12V version 2.92 compliant

Extreme Efficiency: Up to 88%

Extreme Safety:

Diversity of
protective function









Extreme Compatibility:

Powerful single +12V rail
output for heavy-duty
graphics cards








Extreme Stability:

DC-DC converter design for system stability

Product Specifications

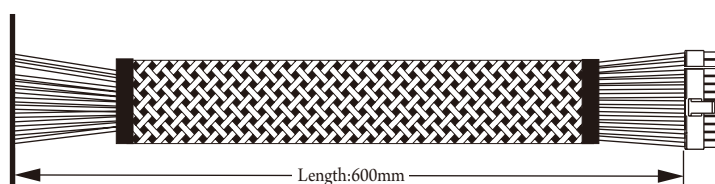
Model		B700-MAS	B800-MAS
Input Voltage/Frequency		100-240VAC, 47-63Hz	100-240VAC, 47-63Hz
AC Current		10A-5A	12A-6A
DC Output	+3.3V	25A	25A
	+5V	25A	25A
	+3.3V & +5V	130W	130W
	+12V	58A (696W)	66A (792W)
	-12V	0.8A	0.8A
	+5Vsb	3A	3A
	Total	700W	800W
MTBF		>100,000 hours @25°C	>100,000 hours @25°C
Operation Temp.		0 °C ~ 40 °C	0 °C ~ 40 °C
Dimension		160mm (D) x 150mm (W) x 86mm (H)	160mm (D) x 150mm (W) x 86mm (H)
Net weight		1.94 kg (without modular cables) +/- 50g	2.03 kg (without modular cables) +/- 50g
Safety Approval		     	

Connectors

	Mainboard 20+4P X 1		6+2P (8P) PCI-E X 4		4P Molex X 4
	4+4P CPU X 1		8P CPU X 1		SATA X 12
					FDD X 1

Cable Length

【 20+4P MB 】 x 1



【 4+4P + 12V CPU 】 x 1



【 8P + 12V CPU 】 x 1



Decent Flat Modular Cables

【 2 x 6+2P PCI-E 】 x 2



【 4 x SATA 】 x 3



【 4 x 4P Molex & FDD 】 x 1

