



650 / 750 / 850W LEPA G SERIES



Product Features

- 80 Plus Gold certified to deliver up to 92% 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
- Solid state capacitors and all Japanese-made capacitors provide 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 single +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 and EPS12V version compliant



DC-to-DC converter design
ensures system stability

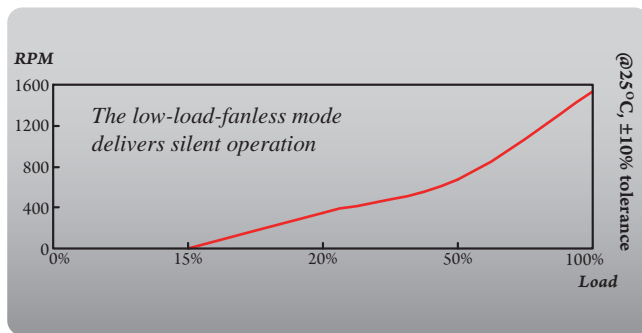


High quality 105°C Japanese-made capacitors



Hybrid Modular Design

Low-Load-Fanless Mode



Extreme Efficiency: 80 Plus Gold certified

Extreme Safety:
Diversity of protective function

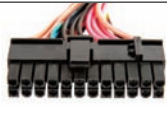






Extreme Compatibility:
Powerful single +12V rail output for heavy-duty graphics cards

Extreme Stability:
DC-DC converter design for system stability

Product Specifications

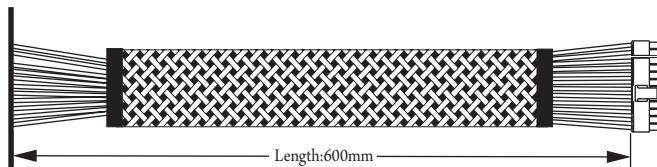
Model		G650-MAS		G750-MAS		G850-MAS	
AC Input / Frequency		100-240VAC, 47-63Hz					
AC Current		10A		10A		12A	
DC Output	+3.3V	20A	100W	20A	100W	20A	100W
	+5V	20A		20A		20A	
	+12V	54A	648W	62A	744W	70A	840W
	-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W
	+5Vsb	3A	15W	3A	15W	3A	15W
Total Power		650W		750W		850W	
MTBF		> 100,000 hours @25°C					
Operating Temp.		0°C ~ 40°C					
Dimension		160mm (D) x 150mm (W) x 86mm (H)					
Safety Approvals		<div><div></div><div> AR46</div><div> E 344201</div><div> R36788</div><div></div><div> Tested To Comply With FCC Standards FOR HOME OR OFFICE USE</div></div>					

Connectors

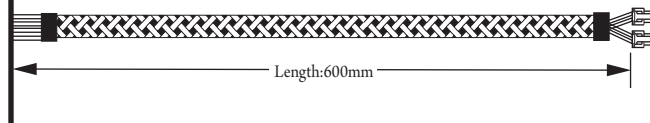
	<div>Mainboard 20+4P</div> <div>G650 X 1 G750 X 1 G850 X 1</div>		<div>6+2P (8P) PCI-E</div> <div>G650 X 4 G750 X 4 G850 X 4</div>		<div>4P Molex</div> <div>G650 X 4 G750 X 4 G850 X 4</div>		
	<div>4+4P CPU</div> <div>G650 X 1 G750 X 1 G850 X 1</div>		<div>8P CPU</div> <div>G750 X 1 G850 X 1</div>		<div>SATA</div> <div>G650 X 9 G750 X 12 G850 X 12</div>		<div>FDD</div> <div>G650 X 1 G750 X 1 G850 X 1</div>

Cable Length:G650-MAS

【 20+4P MB 】 x 1

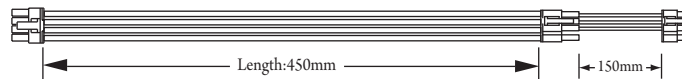


【 4+4P + 12V CPU 】 x 1

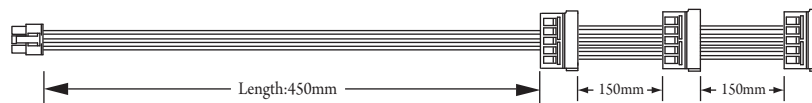


Decent Flat Modular Cables

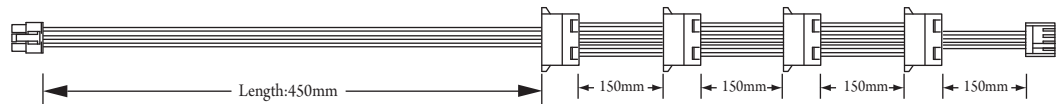
【 2 x 6+2P PCI-E 】 x 2



【 3 x SATA 】 x 3

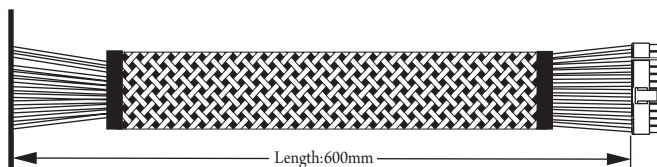


【 4 x 4P Molex & FDD 】 x 1



Cable Length:G750-850-MAS

【 20+4P MB 】 x 1



【 4+4P + 12V CPU 】 x 1

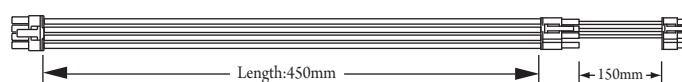


【 8P + 12V CPU 】 x 1



Decent Flat Modular Cables

【 2 x 6+2P PCI-E 】 x 2



【 4 x SATA 】 x 3



【 4 x 4P Molex & FDD 】 x 1

