



## 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

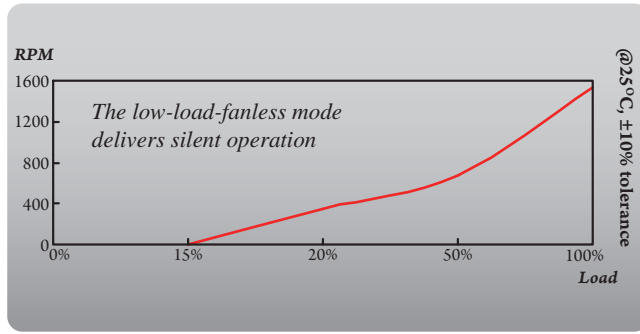


High quality 105°C Japanese-made capacitors



Hybrid Modular Design

## Low-Load-Fanless Mode








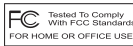
**Extreme Efficiency:** 80 Plus Gold certified

**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

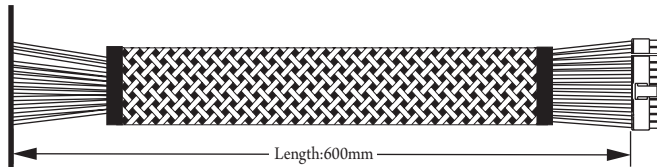
Model		G650-MAS		G750-MAS		G850-MAS	
AC Input / Frequency		100-240VAC, 47-63Hz					
AC Current		10A		10A		12A	
DC Output	+3.3V	20A	100W	20A	100W	20A	100W
	+5V	20A		20A		20A	
	+12V	54A	648W	62A	744W	70A	840W
	-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W
	+5Vsb	3A	15W	3A	15W	3A	15W
Total Power		650W		750W		850W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

## Connectors

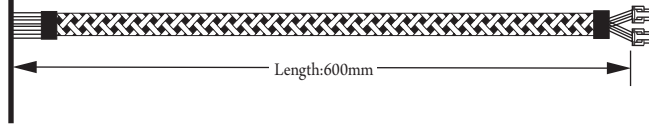
	<b>Mainboard 20+4P</b> G650 X 1 G750 X 1 G850 X 1		<b>6+2P (8P) PCI-E</b> G650 X 4 G750 X 4 G850 X 4		<b>4P Molex</b> G650 X 4 G750 X 4 G850 X 4		
	<b>4+4P CPU</b> G650 X 1 G750 X 1 G850 X 1		<b>8P CPU</b> G750 X 1 G850 X 1		<b>SATA</b> G650 X 9 G750 X 12 G850 X 12		<b>FDD</b> G650 X 1 G750 X 1 G850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

## Cable Length: G650-MAS

【20+4P MB】 x 1

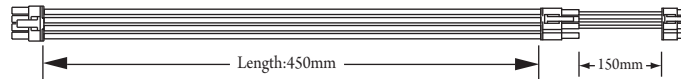


【4+4P + 12V CPU】 x 1

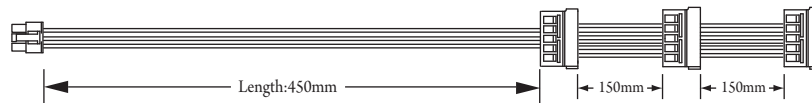


### Decent Flat Modular Cables

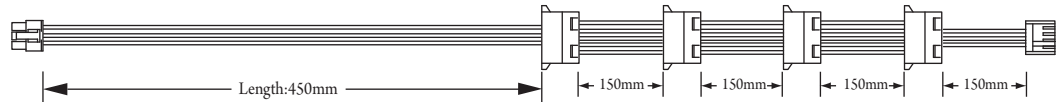
【2 x 6+2P PCI-E】 x 2



【3 x SATA】 x 3

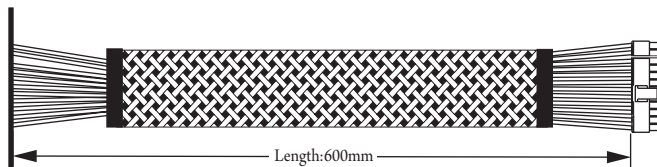


【4 x 4P Molex & FDD】 x 1



## Cable Length: G750-850-MAS

【20+4P MB】 x 1



【4+4P + 12V CPU】 x 1

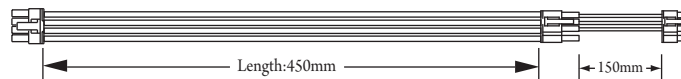


【8P + 12V CPU】 x 1



### Decent Flat Modular Cables

【2 x 6+2P PCI-E】 x 2



【4 x SATA】 x 3



【4 x 4P Molex & FDD】 x 1

