



SILENT PRO *M* 850W & 1000W

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Silent Pro M850:RS-850-AMBA-J3
Silent Pro M1000:RS-A00-AMBA-J3



Introduction

Cooler Master adds M850 and M1000 to the Silent Pro series, giving extreme overclockers and/or ultra high-end systems all the power they need. With up to 80A on a single 12V rail, these power supplies deliver where it counts and won't have any problems powering even the most demanding multi-graphic card systems. These units feature flat modular cables for improved airflow and cable management. It also comes with shock absorption silicon pads to remove possible vibrations.

Features

- Copper plus aluminum heatsink for efficient heat dissipation
- Japanese-made capacitors to enhance PSU outputs stability
- Compliance with the newest Intel standard ATX 12V V 2.3 and SSI standard EPS 12V V2.92
- Flat modularized cables to eliminate the clutter and improve airflow inside the chassis
- Ultra-silent operation with intelligent 135mm fan speed control
- Unique silicon pad eliminate the vibration
- Eco-design for energy and money saving by Active PFC.(>0.99) / high efficiency ($>85\%$)
- Single +12V rail for up to 80A for high demanding SLI



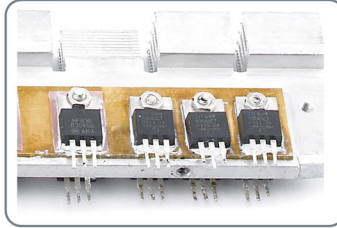
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Silent Formula



Shock absorption pad



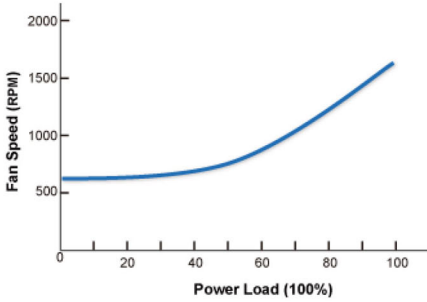
Hybrid cooper-aluminum heatsink



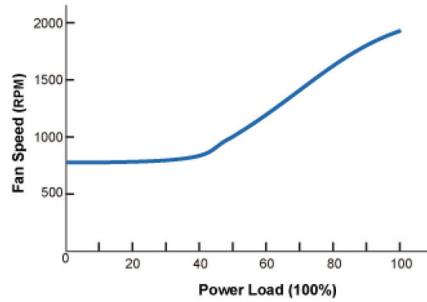
Ultra silent 135mm Fan

Intelligent Fan Control

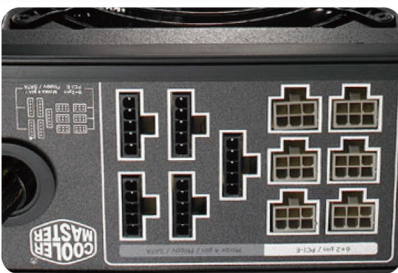
850W Fan Curve



1000W Fan Curve



High Quality



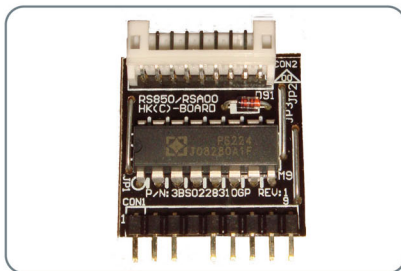
Modularized cable design



Japanese-made Capacitor



Single rail +12V



Passed all safety standards: OVP / UVP / OCP / OPP / OTP / SCP



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Specifications

Model	RS-850-AMBA-J3	RS-A00-AMBA-J3
Type	Intel Form Factor ATX12V V2.3 SSI Form Factor EPS12V V2.92	Intel Form Factor ATX12V V2.3 SSI Form Factor EPS12V V2.92
PFC	Active PFC (0.99)	Active PFC (0.99)
Input Voltage	90-264V (Auto Range)	90-264V (Auto Range)
Input Current	12A @ 115Vac 6A @ 230Vac	14A @ 115Vac 8A @ 230Vac
Input Frequency	47-63Hz	47-63Hz
Output Capacity	850W	1000W
Max. Output	1020W	1200W
Fan Type	135mm ultra silent fan	135mm ultra silent fan
Power Good Signal	100~500ms	100~500ms
Hold up time	>17ms	>17ms
Efficiency	85% typical	85% typical
MTBF	>100,000Hours	>100,000Hours
Protection	OVP / UVP / OCP / OPP / OTP / SCP	OVP / UVP / OCP / OPP / OTP / SCP
Dimension	150 × 165 × 86 mm (59 × 65 × 34 inches)	150 × 165 × 86 mm (59 × 65 × 34 inches)
Operation Temp.	0~40°C (Nominal Input Voltage)	0~40°C (Nominal Input Voltage)
Regulatory	CE/FCC/UL/TUV/C-tick/GOST/BSMI/ CCC	CE/FCC/UL/TUV/C-tick/GOST/BSMI/ CCC
Certification	SLI / 80 PLUS Bronze	SLI / 80 PLUS Bronze
Connectors	MB 20+4 Pin*1 CPU 12V 4+4 Pin*2 PCI-e 6+2 Pin*6 SATA *9 Peripheral 4 Pin*6 Floppy 4 Pin*1 Floppy 4 Pin*1"	MB 20+4 Pin*1 CPU 12V 4+4 Pin*2 PCI-e 6+2 Pin*6 SATA *9 Peripheral 4 Pin*6 Floppy 4 Pin*1 PCI-e Y cable*2 (One PCI-e 6+2 Pin extends to two PCI-e 6+2 connectors)

850W

AC Input	110-240Vac 12-6A 60-50Hz				
DC Output	3.3V	5V	12V	-12V	5VSB
	22A	22A	66A	0.3A	3A
Total Output	165W		792W	3.6W	15W
	850W				

1000W

AC Input	110-240Vac 14-8A 60-50Hz				
DC Output	3.3V	5V	12V	-12V	5VSB
	30A	30A	80A	0.3A	3A
Total Output	183W		960W	3.6W	15W
	1000W				



Connector Solutions



Motherboard
20+4 Pin



CPU 12V
4+4 Pin



PCI-e
6+2 Pin



Peripheral
4 Pin



SATA



Floppy
4 Pin



PCI-e Y cable

850W

1

2

6

6

9

1

1000W

1

2

6

6

9

1

2

Package Information

	RS-085-AMBA-J3	RS-A00-AMBA-J3
EAN	4719512016435	4719512016428
UPC	884102005978	884102005961
Carton Size	560 x 265 x 300 mm	560 x 265 x 300 mm
Units / Carton	5 pcs / Carton	5 pcs / Carton
Units / Pallet	24 cartons / Pallet	24 cartons / Pallet
Retail Box Size	270 x 110 x 250 mm	270 x 110 x 250 mm
Retail Box Weight	3.7 kg	3.7 kg

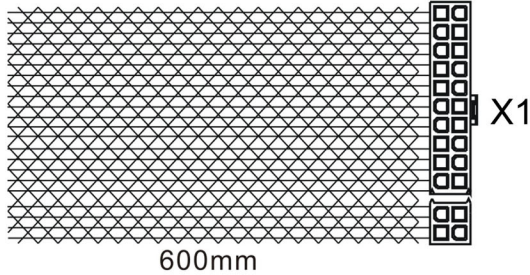


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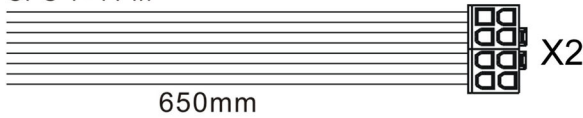
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Cable Length

MB 20+4 Pin

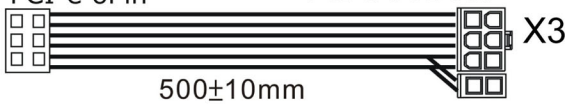


CPU 4+4 Pin



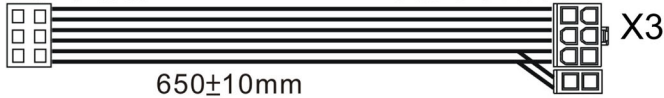
PCI-e 6Pin

PCI-e 6+2 Pin



PCI-e 6Pin

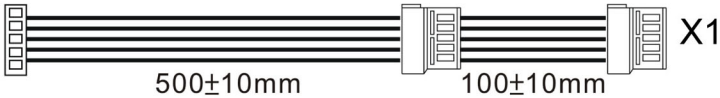
PCI-e 6+2 Pin



Molex 5Pin

SATA

SATA

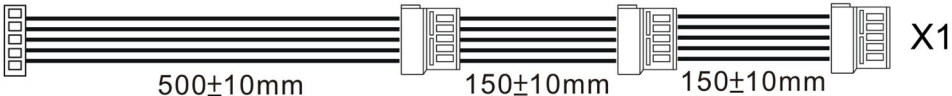


Molex 5Pin

SATA

SATA

SATA



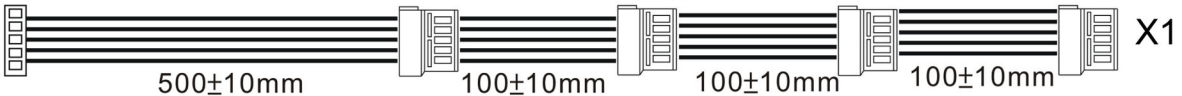
Molex 5Pin

SATA

SATA

SATA

SATA

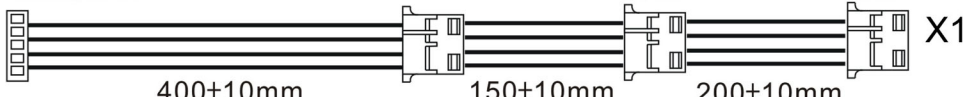


Molex 5Pin

4 Pin

4 Pin

4 Pin



Molex 5Pin

4 Pin

4 Pin

4 Pin

Floppy

