



Expand Your Imagination

REAL POWER M620

Modular Power

www.coolermaster.com

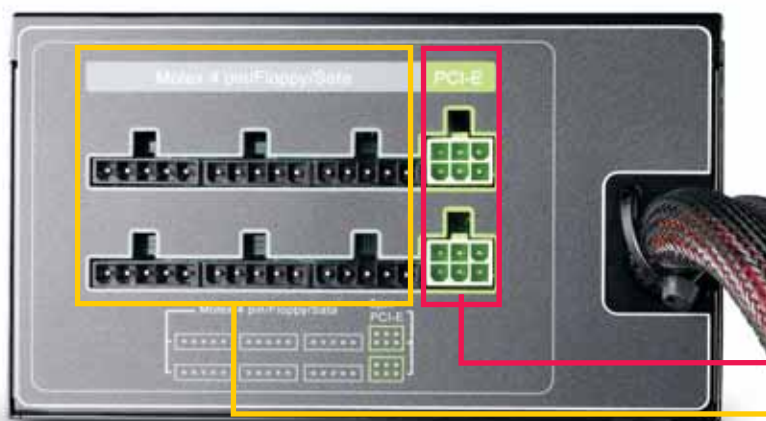
RS-620-ASAA-A1

Features

- ◆ Modularized cable design to eliminate clutter and improve airflow inside the chassis.
- ◆ Eco-Design for energy and money saving by Active PFC. (>0.99)/High Efficiency (>80%)
- ◆ One 8 pin / two 6 pin PCI-e connectors offer great future upgrade ability
- ◆ Clear color identifiable connectors for user friendly



Modular Back Plate



PCI-e Connector

4 Pin Peripheral and Floppy Connector

S-ATA Connector



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Connector Solution

Connector	Socket	50 cm	55	60	65	70	75	80	85	90	95 cm	Qty
24 Pin Motherboard	Native											1
4 Pin +12V CPU	Native											1
8 Pin +12V CPU	Native											1
PCI-e 6 pin to PCI-e 8 pin	High-Power PCI-e											1
PCI-e 6 pin to PCI-e 6 pin	Low-Power PCI-e											2
Serial ATA	Peripheral	SATA 1			SATA 2			SATA 3				2
Peripheral 4 pin	Peripheral	Peripheral 1			Peripheral 2			Peripheral 3				2
Floppy 4 pin	Peripheral	Peripheral 1			Peripheral 2			Floppy 3				2

*Only allowed to use one PCI-e 8 pin with one PCI-e 6 pin or two PCI-e 6 pin at the same time.

Overall Product Outlook



All Cable completely sleeved for neat management and airflow improvement



Honey Combs Structure & Power Failure Detector
(Red Light: Power off/ PSU Failure)
(Green Light: Power on/ Normal)



120mm silent fan (<16dBA) with exclusive fan grid



High Quality Painting



User Friendly color identifiable connectors



6 pin PCI-e to 8 pin PCI-e



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Specifications

Model	RS-620-ASAA-A1
Type	ATX Form Factor 12V V2.3 / SSI standard EPS 12V V2.91
PFC	Active PFC (0.99)
Input Voltage	90 ~ 264V (Auto Range)
Input Current	10A @ 115Vac / 5A @ 230Vac
Input Frequency Range	47 ~ 63 Hz
Fan	Ultra silent 120mm fan with intelligent speed control
Power Good Signal	100 ~ 500 ms
Hold Up Time	> 17 ms
Efficiency (Load)	>80% Typically
MTBF	>100,000 hrs
Output Capacity	620 Watts Continuous
Max. Output Capacity	700 Watts
Protection	OVP / OCP / OTP / OLP / Short / Full Protection
Dimension	150(W) x 150(L) x 86(H) (mm)
Operation Temperature	0~40°C (Nominal Input Voltage)
Safety	CE / cUL / TUV / NEMKO / BSMI / FCC

Support upto 10~12pcs USB Devices

- ◆ The newest Intel® standard ATX 12V V 2.3 / SSI standard EPS 12V V2.91
- ◆ With 5Vsb increasing from 2A to 3.5A, it could support up to 10~12pcs USB devices.
- ◆ USB devices could be charged when your PC is power off.(depending on which MB you use)

AC INPUT	115V / 230V 10A / 5A 60/50Hz						
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	+12V ₃	-12V	+5Vsb
Peak Current	25A	20A	19A	19A	19A	0.8A	3.5A
Total Output	191W		516 Watt			9.6W	17.5W
	620 Watt (Continuous)						