



Expand Your Imagination

eXtreme Power Plus

500W

www.coolermaster.com



RS-500-PCAR-A3



RS-500-PCAP-A3



Features

1. Compliance with the newest Intel standard ATX 12V V2.3
2. More than 70% better efficiency at typical load operation
3. High reliability (MTBF > 100,000 hrs)
4. Green power design to meet Energy Star and Blue Angel requirements
5. Super silent operation with intelligent fan speed control
6. Multiple protection design(OVP/OCP/OPP/SCP)
7. Support dual +12V₁ and +12V₂ outputs for higher power usage
- 8-Two-year warranty



Tiny noise 120mm fan



Ventilation channels
enhance cooling efficiency



Green Dot



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Connector Solutions



20+4pin
Motherboard
Connector x 1



4+4 pin+12V
CPU Connector
x1



6 Pin
PCI-e Connector
x 1



S-ATA
Connector
x 4



4pin
Peripheral
Connector x 5



4 pin
Floppy Connector
x 1

Specifications

Model	RS-500-PCAR-A3	RS-500-PCAP-A3
Type	Intel Form Factor ATX 12V V2.3	
PFC	Non PFC	Passive PFC
Input Voltage	90 ~132V/180~264V (Selectable)	180~264 V
Input Current	10 A @ 115Vac / 6 A @ 230Vac	
Input Frequency Range	47 ~ 63 Hz	
Fan	Sleeve bearing 120mm super silent fan	
Power Good Signal	100 ~ 500 ms	
Hold Up Time	> 17 ms	
Efficiency (Load)	>70% Typically	
MTBF	>100,000 hrs	
Max. Output Capacity	500 Watts	
Protection	OVP / OCP / OPP / SCP	
Dimension	Standard ATX 150 x 140 x 86 (mm)	
Operation Temperature	0~40 °C (Nominal Input Voltage)	
Safety	Nemko / TUV / cUL / CE / BSMI /FCC / C-tick / CCC (Passive Model Only)	

RS-500-PCAR-A3

AC INPUT	115V / 230V		10A / 6A		60/50Hz	
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5Vsb
	22A	25A	18A	18A	0.5A	2.5A
Max. Output	165W		360W		6W	12.5W

RS-500-PCAP-A3

AC INPUT	230V 6A 60/50Hz					
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5Vsb
	22A	25A	18A	18A	0.5A	2.5A
Max. Output	165W		360W		6W	12.5W

