



Expand Your Imagination

# 500W//550W eXtreme Power

www.cooler-master.com

## RP-500-PCAR/ RP-550-PCAR

### Features

- ▶ Compliance with the newest Intel standard ATX 12V V 2.01
- ▶ Super silent operation with intelligent fan speed control
- ▶ Support dual +12V<sub>1</sub> and +12V<sub>2</sub> outputs for higher power usage
- ▶ Green power design to meet energy star and blue angel requirements
- ▶ More than 70% efficiency at typical load operation
- ▶ Higher reliability (MTBF > 100,000 hours)
- ▶ OVP / OPP / Short Circuit Protection



### Specifications

Model	RP-500-PCAR / RP-550-PCAR (Regular: Non-PFC)
Type	ATX Form Factor 12V V2.01
Input Voltage	90~132 V / 180~264 V (Selectable)
Input Current	8A@115Vac / 6.3A@230Vac
Input Frequency Range	47 ~ 63 Hz
Fan	Sleeve bearing 120mm fan
Power Good Signal	100 ~ 500 ms
Hold Up Time	> 17 ms
Efficiency	> 70% typically
MTBF	>100,000 hrs
Protection	OVP / OPP / Short Circuit Protection
Dimension	Standard ATX PS2 150 x 140 x 86 (mm)
Operation Temperature	5~50°C ( Nominal Input Voltage )
Safety	Nemko / TUV / cUL / CE / BSMI / FCC

### Connector Solutions



20+4 pin x 1  
Motherboard  
Connector



4 pin x 1  
CPU+12V  
Connector



6 pin x1  
PCI-e  
Connectors



S-ATA x 3  
S-ATA  
Connectors



4 pin x 6  
Peripheral  
Connectors



4 pin x 2  
Floppy  
Connectors



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## Output Specifications

### RP-500-PCAR

AC INPUT	115V/230V			8A/ 6.3A	60 / 50Hz		
DC OUTPUT	+3.3V	+5V	+12V <sub>1</sub>	+12V <sub>2</sub>	-5V	-12V	+5Vsb
MAX. POWER	20A	20A	16A	16A	0.8A	0.8A	2.0A

### RP-550-PCAR

AC INPUT	115V/230V			8A/ 6.3A	60 / 50Hz		
DC OUTPUT	+3.3V	+5V	+12V <sub>1</sub>	+12V <sub>2</sub>	-5V	-12V	+5Vsb
MAX. POWER	25A	25A	16A	16A	0.8A	0.8A	2.0A

## More Image



● Honey combo structure increase airflow for better heat dissipation



● 120mm fan makes superb heat dissipation



● Input current selectable (115V / 230V)

