



Expand Your Imagination

600W//650W eXtreme Power Duo

www.coolermaster.com

RP-600-PCAP / RP-650-PCAP

Features

- ▶ Compliance with the newest Intel standard ATX 12V V 2.01
- ▶ Super silent operation with intelligent fan speed control (< 20dBA)
- ▶ Support dual +12V₁ and +12V₂ 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-600-PCAP / RP-650-PCAP (Passive PFC)
Type	ATX Form Factor 12V V2.01
Input Voltage	198 ~ 253 V
Input Current	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 / FCC / CCC

Connector Solutions



20+4 pin x 1
Motherboard
Connector



4 pin x 1
CPU+12V
Connector



6 pin x 2
PCI-e
Connectors



S-ATA x 3
S-ATA
Connectors



4 pin x 6
Peripheral
Connectors



4 pin x 2
Floppy
Connectors

Output Specifications

RP-600-PCAP

AC INPUT	230V / 6.3A 60 / 50Hz						
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	-5V	-12V	+5Vsb
MAX. POWER	25A	30A	18A	18A	0.8A	0.8A	2.0A

RP-650-PCAP

AC INPUT	230V / 6.3A 60 / 50Hz						
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	-5V	-12V	+5Vsb
MAX. POWER	28A	30A	18A	18A	0.8A	0.8A	2.0A

More Image



- Honey combo structure increase airflow for better heat dissipation



- SLI and CrossFire Ready



- 120mm fan makes superb heat dissipation

