

Details: **Thermaltake TR2 Challenger 500W**

The Thermaltake TR2 Challenger Series is the latest PSU with the 80 Plus Standard certification and available in 500W, 600W and 700W versions.

TR2 Challenger 500W proves most reliable and robust power delivery, by using high quality components. The ultra-quiet 120mm cooling fan ensure excellent airflow. Simple the best combination of features, performance and quality in the category of a popular price ratio.

Key Features

- **Ultra Quiet Fan** - Ultra-quiet 120mm cooling fan delivers excellent airflow at an exceptionally low noise level
- **80 PLUS Standard Certified and Haswell Ready** - TR2 Challenger series is prepared for the new Intel processors Haswell to achieve maximum energy savings
- **Massive and Dedicated Single +12V Output** - High-Quality components and single +12V rails design enable non-stop usage with stable and reliable performance
- **Heavy-duty protection circuitry** - Over Voltage, Over Power and Short-Circuit protections
- **Safety / EMI Approvals** - CE/CB/TUV
- **Warranty** - 3 Years

Specifications

Operating Humidity: 20% to 90%,non-condensing

Storage Temperature: -20 ℃ to +70 ℃

Storage Humidity: 5% to 95%, non-condensing

PSU Specifications

AC INPUT: 200 Vac- 240 Vac 4A max 47 Hz - 63 Hz					
DC Output Max	+3.3V	+5V	+12V1	-12V	+5VSB
	18A	18A	38A	0.3A	2.5A
500W					

Connectors



24 Pin Main Connectors:

1



4-Pin 12V Connectors:

1



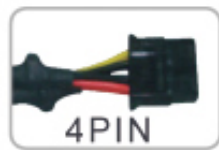
4+4 Pin 12V Connectors:

1



SATA Connectors:

6



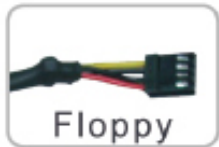
4-Pin Molex Connectors:

3



6+2 Pin PCI-e Connectors:

1



Floppy Drive Connectors:

1

Detailed Specifications

Dimensions: 150mm x 86mm x 140mm (W x H x D)

Input Voltage: 200 Vac- 240 Vac

Input Current: 4A max

Input Frequency Range: 47 Hz - 63 Hz

PFC: Active PFC

Power Good Signal: 100-500 msec

Hold Up Time: 10msec (minimum) within 80% load at 230Vac input

Efficiency: 82-86% efficiency @ 20-100% load

MTBF: 100,000 hrs minimum

Protection: OVP, OPP, SCP

Power: 500W

Operation Temperature: 0Ž to +40Ž

Safety: CE/CB/TUV

Cooling: 120mm Fan: 1500 R.P.M. } 10%

Noise: 31.8

80 Plus Certified: Yes - 80 Plus

Certification: nVidia SLi Certified
ATi Crossfire Certified

General Specifications

Manufacturer Part Number: TRC-0500P

EAN Number: 4717964400284

Has Mains Plug: Yes

Colour: Black

What's In The

Box: 1x TRC-0500P PSU

Unit (Product)

Dimensions 150mm x 86mm x 140mm (W x H x D)
(mm):

Packaging
Dimensions 230mm x 180mm x 100mm (W x H x D)
(mm):

Net Weight 1.65 KGs
(KGs):

Gross Weight 2 KGs
(KGs):