



thermaltake

TOUGHPower SERIES
POWER SUPPLY

TOUGHPower TF1 1550W



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DATASHEET



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TOUGHPOWER TF1 1550W

SATA Protection

Low Ripple Noise

Fully Modular
Flat Cables

100% Japanese
Capacitors

10 YEAR
Warranty



Features

- Continuous output at 50°C/122°F operating environment.
- 80PLUS Titanium certified up to 94% efficiency.
- 100% high quality 105°C Japanese capacitors.
- < 30mV low ripple noise design.
- Transient Response 12V < 1% , 5V< 3%, 3.3V < 5%, %, 5VSB<1%.
- Inrush current < 50 Ampere.
- Extremely strict voltage regulation < ±2%.
- Hold up time > 16 milliseconds.
- Fully modular low-profile flat black cables.
- SATA over current protects hard drive from over clocking.
- Maximum heat dissipation performance through fan speed control .
- High amperage single +12V rail design.
- Intel C6/C7 states & ErP ready.
- Built-in industry grade protections: OCP, OVP, UVP, OPP, SCP, OTP.
- Dimension: 150mm(W)x86mm(H)x180mm(D).
- Safety approvals: CE/cTUVus/TÜV/FCC/BSMI/EAC/ CCC certifications.



GENERAL INFO

P/N	PS-TPD-1550FNFATx-1
Model	TTP-1550AH3FCT
Max. Output Capacity	1550W
Peak Output Capacity	1860W
Color	Black
Dimension (W/H/D)	150mm(W) x 86mm(H) x 180mm(D)
PSU Weight	2.4kg
PFC	Active PFC
Power Good Signal	100-500 msec
Hold-Up Time	> 16msec at 100% of full load

AC INPUT

Input Current	18A max
Input Frequency Range	47Hz-63Hz
Input Voltage	100V – 240V~

ENVIRONMENTAL

Operating Temperature	0°C to + 50°C
Operating Humidity	20% to 90%,non-condensing
Storage Temperature	-20°C to + 70°C
Storage Humidity	5% to 95%, non-condensing
Cooling System	14cm PWM fan

MISCELLANEOUS

Efficiency	Meet 80 PLUS® Titanium at 115Vac input.
MTBF	120,000 hrs minimum
Safety Approval	CE/cTUVus/TÜV/FCC/BSMI/EAC/ CCC

PCI-E CONNECTOR

PCI-E 6+2pin	8
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