



Thermaltake Toughpower DPS G 850W Power Supply

Special Price
\$155.96 was
~~\$179.95~~

Product Images





Short Description

New revolutionary Thermaltake Toughpower DPS G Series is an innovative, digitally-controlled power supply with software.

Description

Thermaltake Toughpower DPS G 850W

New revolutionary Thermaltake Toughpower DPS G Series is an innovative, digitally-controlled power supply with software. The combination of Toughpower DPS G and DPSApp Software creates an intelligent platform that allows you to:



1. Monitor the electricity cost of your PC – thereby helping you to manage your expenses.
2. Record the status of your PC – this helps you monitor and organize your quantitative database.
3. Share data in the cloud – this provides you an impeccable way of sharing with information friends.

Smart DPS_{App} Software

DPS_{App} software enables you to digitally calculate your computer's electricity costs by monitoring the efficiency, wattage and voltage of the power supply using innovative technology. The easy-to-use DPS_{App} is available for download through the link below:



[Download DPSApp](#)

Note: JAVA and Adobe Flash Player are required for using DPS_{App}.

Calculate the Electricity Cost



Because the software digitally calculates your PC's electricity cost, it can be helpful as an expense control and management tool.



Power Consumption, Efficiency, and Voltage Monitoring

The DPS_{App} software enables you to monitor how much power the computer is using and the efficiency of the computer as engaging in different activities, such as playing games, browsing the internet, checking email, and so on. In addition, users are able to monitor computer's voltage.



Sharing in the Cloud



With no connecting boundaries, DPS_{App} also offers users an easy way to share the power usage results with colleagues through social network applications such as Facebook, Twitter, and Weibo, or by sending reports via e-mail.



Quantitative Data Management

You can organize and save a database of your usage pattern in order to review it in detail. Each database can record up to six hours of usage.



Digital Fan Control



The DPS_{App} software allows users to monitor and adjust the fan speed of the computer's power supply in either silent or performance mode.

Fully Modular Cable Design

The fully modular cabling design allows you to use only those cables you need, resulting in optimal airflow and reduced system clutter.



80 PLUS Gold-certified and Haswell-ready



Toughpower DPS G Power Supply with DPS_{App} Software delivers up to 87%-92% efficiency under real-world load conditions, promising the lowest power losses. Additionally, DPS G Series has been optimized to work with Intel's new, fourth-generation Haswell processors to achieve maximum energy savings.

100% 105°C Japanese Electrolytic Capacitors

The Toughpower DPS G series features 105°C/221°F Japanese brand capacitors, which greatly improves the durability and offers the highest stability and reliability.



Massive and Dedicated +12V Output

Toughpower DPS G series is equipped with a powerful single +12V rail, please see the output specification below:



AC INPUT

Input Voltage: 100V - 240V
Input Current: 10A
Frequency: 47Hz - 63Hz

DC OUTPUT	+3.3V	+5V	+12V
Max Output Current	20A	20A	54A
Max Output Power	100W		648W
Continuous Power	650W		

Specifications

P/N	PS-TPG-0850DPCG-G
Short P/N	TPG-0850D-G
Model	TPG-850DH3FCG
Type	Intel ATX 12V 2.31 & SSI EPS 12V 2.92
Max. Output Capacity	850W
Peak Output Capacity	1020W
Color	Black
Dimension (W / H / D)	150mm(W) x 86mm(H) x 180mm(L)

PFC (Power Factor Correction)	Active PFC
Power Good Signal	100-500 msec
Hold Up Time	> 16ms at 70% load
Input current	10A
Input Frequency Range	47Hz - 63Hz
Input Voltage	100V - 240V
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 dual ball bearing Fan: 1500R.P.M. ± 10%
Efficiency	MEET 80 Plus GOLD at 115Vac input.
MTBF	120,000 hrs minimum
Safety Approval	CE, TUV, FCC, UL/CUL, BSMI
PCI-E Connector	PCI-E 6+2pin X 6

* Specifications are subject to change without notice.

* The product picture(s) is only for your reference, it may differ from the actual product.

Additional Information

Brand	Thermaltake
SKU	PS-TPG-0850DPCG-G-D
Weight	9.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	850W
PSU Efficiency	80 PLUS Gold
Special Price	\$155.96

