



TOUGHPOWER iRGB PLUS TITANIUM

TOUGHPOWER iRGB PLUS 1250W TITANIUM



TOUGHPOWER iRGB PLUS

World's first PSU pre-installed with a patented 16.8 million colors RGB fan that incorporate various high-tech components, leading technology and eco-friendly commendations. Featuring 80 PLUS Titanium certification with individually sleeved cable and flat cable, Toughpower iRGB PLUS Titanium Series adopts the highest quality components and fully modular design that always accommodate any mainstream build under any circumstance.

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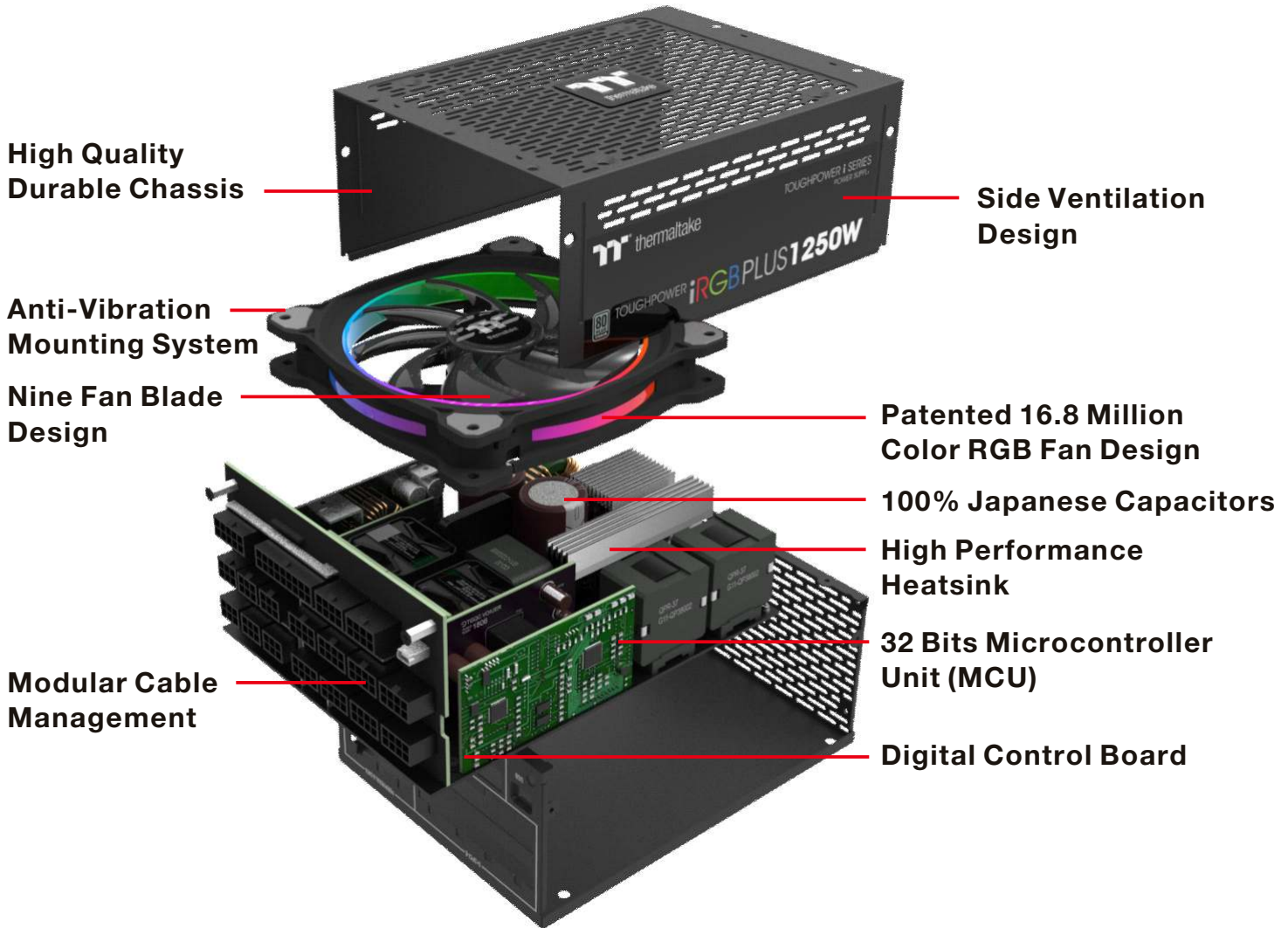


VR READY
TT POWER

TT Power VR Ready

Toughpower i Series power supplies offer stable and sufficient output voltage for multiple VGA cards and high Capability of different VGA cards for VR system.

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Design Concept

Side Ventilation Design

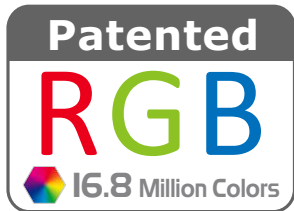
Thermaltake has built a stylish housing to allow the best visibility of the RGB Riing fan with 16.8 million colors making the light shine through all sides of the power supply. In addition, many ventilation holes on the top cover and side cover can increase the airflow to cool down the internal components of the power supply unit.

The concept is inspired by professional modders and gamers, and their exquisite taste and appreciation for RGB lighting.

High Quality Durable Chassis

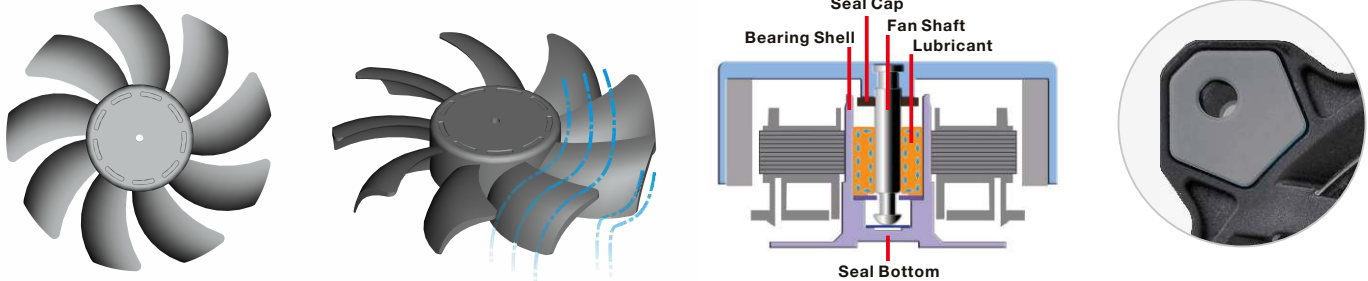
The brand new housing design not only increases the ventilation but also protects the internal components of power supply. The housing is made from solid material to ensure high quality.

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Patented 16.8 million colors RGB Fan

The first iRGB PSU series installed with a patented circular 16.8 million multi-colored 140mm fan introduced by Thermaltake. Users can freely adjust fan speed and customize the 12 LEDs independently with DPS G PC App. The app features Color Palette, LED Brightness bar, and other lighting effects: Full Lighten, RGB Spectrum, Ripple, Blink, Pulse, and Wave.

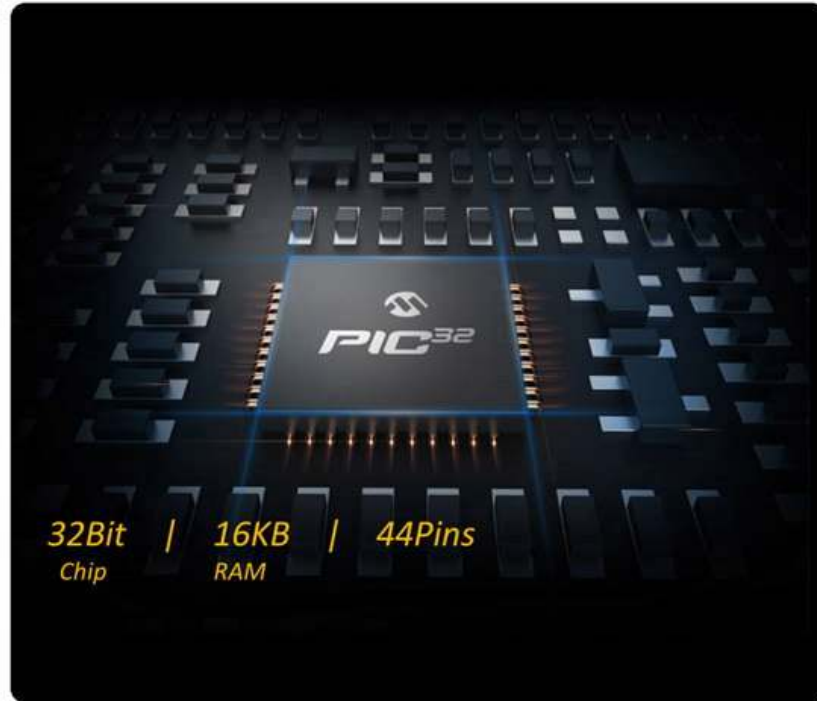


Concentrated Compression Fan Blade

The fan blade is designed for high static pressure requirements of demanding applications; the concentrated compression blade is engineered to focus the weaker, inner circle of air outward, allowing the outer section to pressurize the air. The fan blades are optimized to enhance static pressure for an impressive cooling performance. Hydraulic bearings for silent operation guarantee ultra-low noise, and the anti-vibration mounting system strengthens the product's stability during operation.

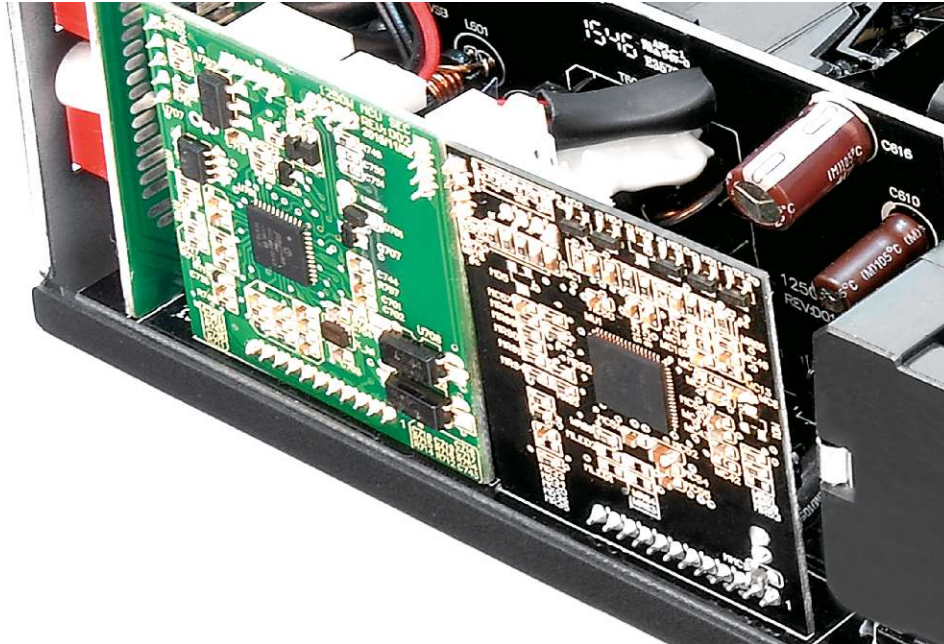
Anti-Vibration Mounting System

In-mold injection anti-vibration rubber pads provide hassle-free usage for 80% protection coverage, including all four corners.



32 Bit Microcontroller Unit (MCU)

The 32 Bit MCU is a small computer on a single integrated circuit containing a processor core, memory, and programmable input/output peripherals. MCU can digitally control devices and processes, such as automobile engine control systems and office machines.



Digital Control Board

Digital power supplies sport high-efficiency switching transistors that perform only necessary steps and waste less energy given off as heat. In short, digital power supplies do not dissipate power, which creates waste, and incorporate smaller, lighter transistors. Using smaller parts that work more efficiently enables Thermaltake to craft smaller and lighter power supplies, typically one of the bulkiest components in any PC.

TOUGHPower iRGB PLUS 1250W TITANIUM



100% All Japanese Capacitors

The Toughpower iRGB PLUS 1250W Titanium features 100% high quality Japanese brand capacitors, which greatly improves the durability and offers the highest stability and reliability.

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Fully Modular Cable Design

Fully modular power supply offers cable selection for users while powering the system at an advantageous voltage. Individually sleeved cable and flat cable can make cable management easier, reduce clutter and increase airflow inside the chassis.



80 PLUS Titanium- Certified and Intel Kaby lake-Ready

Toughpower iRGB PLUS 1250W Titanium Power Supply with DPS G software delivers up to 94% efficiency under real-world load conditions, promising the lowest power losses. Additionally, Toughpower iRGB PLUS 1250W Titanium has been optimized to work with Intel's new, seventh-generation Kaby lake processors to achieve maximum energy savings.



Smart Power Management

Smart Power Management (SPM) platform combined with digital power supply and DPS G software providing clean and stable power and three intelligent platforms – DPS G PC App 2.0, DPS G Smart Power Management Cloud 1.0, and DPS G Mobile App 1.0 – offering “Three Screens and a Cloud” service – DPS G PC APP 2.0, DPS G Smart Power Management Cloud 1.0, and DPS G Mobile APP 1.0 – for users to monitor and record the status of power consumption, voltage distribution, and electricity cost for advance usage.



What is Smart Power Management (SPM)?

Thermaltake would like to raise the awareness on the global warming issue to all PC DIY/ PC users through Smart Power Management (SPM) platform. SPM is a cloud computing platform that tracks and analyzes the PC's electricity consumption; allowing users to observe and learn about their own energy consumption by altering their behavior to achieve the goal of reducing CO2 emission together to contribute on slowing global warming.



Smart Power Management Architecture

On the basis of DPS G Smart Power Management Cloud 1.0, users can access the PSU/VGA/CPU data via PC or mobile devices. Users are capable of monitoring multiple PSUs via their mobile devices and achieving IT cost reduction while monitoring the PSU. Additionally, the warning alert system can reduce risk of damage and maintenance costs to your PC.



Security Protection – Warning Alert & PC Off Remote Control



When the power supply operates abnormally

- Fan Fails
- Over Temperature
- Over/ under Voltage

Step 1

The alert notification will be sent to your mobile device immediately.

Step 2

Turn off/restart the system remotely to eliminate the damage from PSU failure.

Step 3

The Windows system will shutdown in 30 seconds.



or



NEW

Security Protection- Schedule Shutdown



When the download or process takes two hours to complete.



Step 1

Schedule the system to shutdown after the download or process is complete.



or



Step 2

The Windows system will shutdown according to the schedule.





Smart Power Management

DPS G PC APP

The new DPS G PC APP 2.0 enables users to digitally monitor system information, such as efficiency, wattage, voltage, fan speed and temperature while using the computer. In addition it will gather and upload the key parameters data to the SPM Cloud for further analysis.



DPS G PC App – RGB LED Control

The first iRGB PSU series introduced by Thermaltake install with a patented circular 16.8 million multi-colored 140mm fan. Users can freely adjust fan speed and customize the lighting effects with DPS G PC App.

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DPS G PC App – Warning Alert

The DPS G PC app offers real-time warning alert when the fan speed, temperature (over 140°F/60°C), and voltage (over/under 5% of normal level) operates abnormally.



DPS G PC App – Smart Zero Fan

Aside from the silent and performance mode, DPS G PC App comes with the new Zero Fan mode to minimize the audible noise of your PC.



DPS G PC App - Monitoring

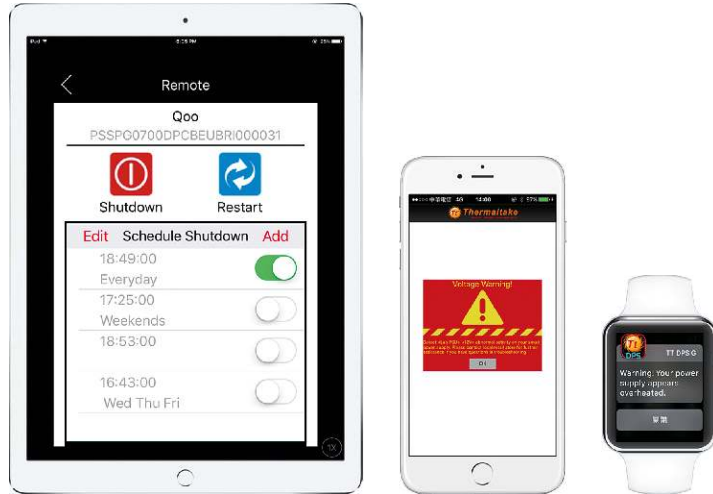
The DPS G PC App allows users to monitor their PSU's status in real-time. The key parameters of voltage, ampere, wattage, efficiency, and etc... will be displayed on the App.



Smart Power Management DPS G Mobile APP

DPS G Mobile APP allows users to access, analysis and track single or multiple systems parameter information through mobile devices, plus the function to socialize with other SPM users.

Key Features: • Data Analysis • Warning Alert • PC Off Remote Control



DPS G Mobile App – Warning Alert & PC Off Remote Control

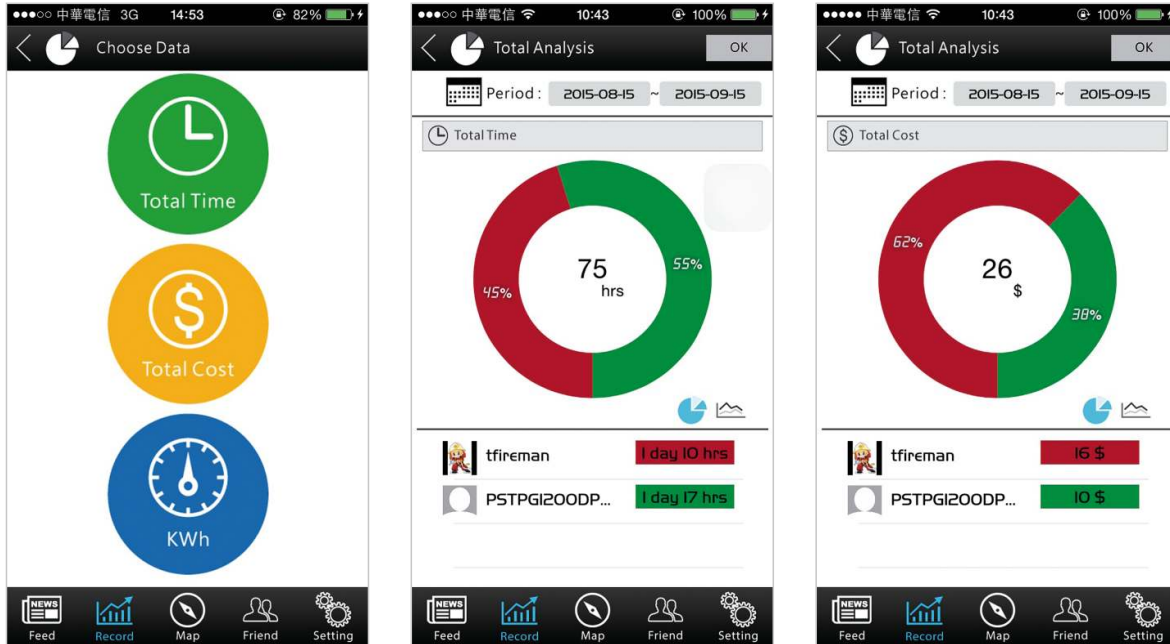
The SPM platform provides three alert functions: fan failure, over temperature, and abnormal voltage level warning alert. This will help users reduce the possibility of overheating their internal components and burning their PCs. When abnormal activities occur, the warning message will be sent to their mobile devices and email. The SPM platform allows users to turn off the computer remotely via the mobile app when users receive the warning message.

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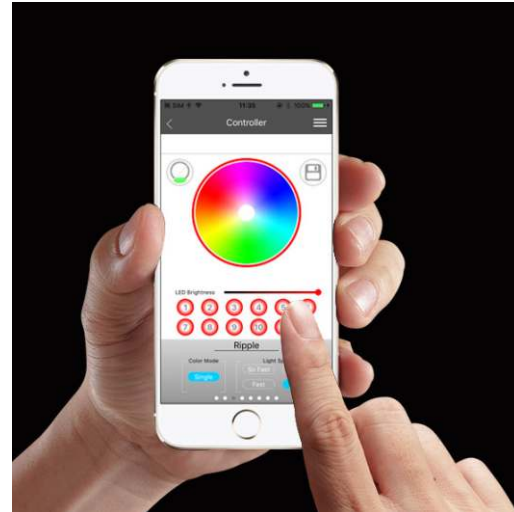
DPS G Mobile App – Single Comparison

Users can freely choose which PSU they want to monitor in detail, such as efficiency, fan speed, voltage, current and so on. The mobile App shows how the data changes during a period of time.



DPS G Mobile App – Total Analysis

Users can see the information about all of their PSU's, including Total Time, Total Cost, and kWh. Percentages of each item will be showed clearly, either by line chart or pie chart.



DPS G Riing RGB App

Thermaltake DPS G Riing RGB Mobile App, allowing users to customize the 12 LEDs independently for their power supply fan, and even let the LED dance in sync with the beat. Main features like Sound Effects and Microphone within the app offer users more lighting choices. Especially, the app can detect the sound waves from either the music library or other external sources. The signals will be sent to the fan so that it can flash with the beat. The app is also designed with Color Palette, LED Brightness bar, and other lighting effects: Full Lighten, RGB Spectrum, Ripple, Blink, Pulse, and Wave.

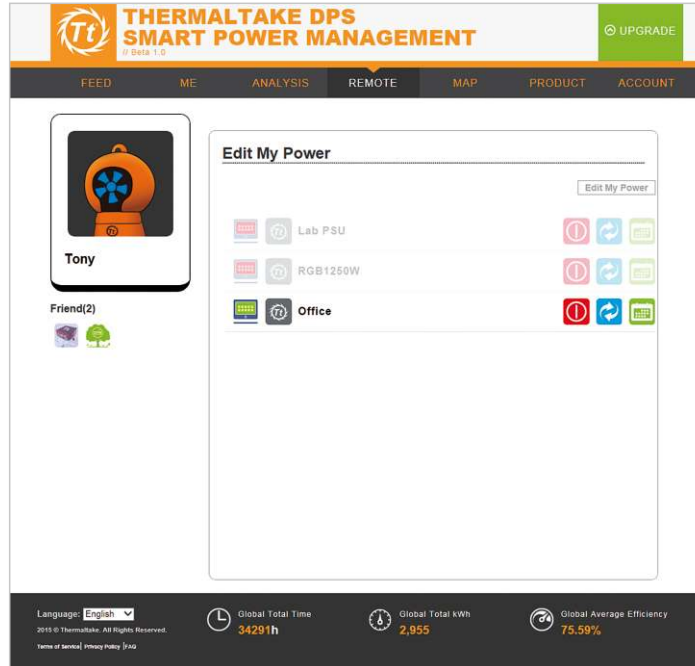


Cloud Management

DPS G SPM Cloud is a platform that offers users the ability to monitor, analyze and access single or multiple computer systems data across the network through PC and mobile devices. (<https://dps.thermaltake.com>)

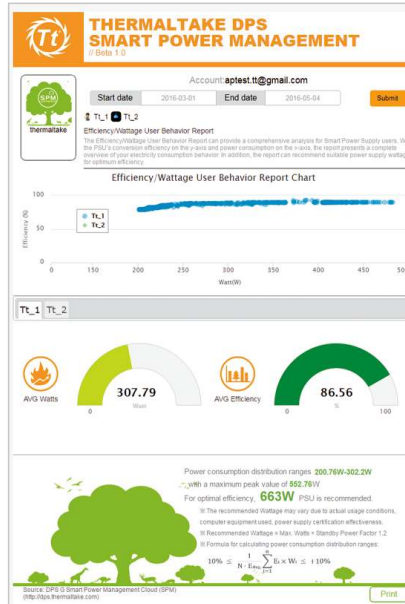
Key Features:

- ECO Report
- Energy Consumption Report
- Energy Saving Plan
- Efficiency/Wattage User Behavior Report
- Warning Alert
- PC Off Remote Control



Cloud Management – Warning Alert & PC Off Remote Control

The security of the power supply has been upgraded. From now, users will be able to turn off/restart/schedule the system remotely via their mobile devices when they receive a warning notification for fan failure, over temperature, and over/under voltage.



Cloud Management - Efficiency/Wattage User Behavior Report

The Power Usage Behavior report can provide a comprehensive analysis for Smart Power Supply users. With the PSU's conversion efficiency on the y-axis and power consumption on the x-axis, the report presents a complete overview of your electricity consumption behavior. In addition, the report can recommend suitable power supply wattages for optimum efficiency.

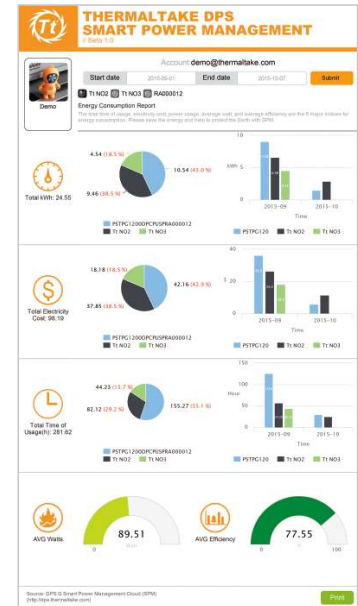
Energy Saving Plan



ECO Report










Energy Consumption Report







Users can access the Eco report and the Energy consumption report to understand the detailed information about CO2 emission and energy consumption by comparing current data with the previous 3 months. In addition, users can save money by setting the goal of how much kWh they are going to consume within a specific period. Users can also decide whether to receive the notification via email and mobile app in order to successfully achieve the goal of saving more money and energy.

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SPECIFICATION

<div style="text-align: center;">Product</div> <div style="text-align: center;">Items</div>	 	 	 	
Product Name	Toughpower iRGB PLUS Titanium	Toughpower DPS G RGB Titanium	Toughpower DPS G RGB Gold	Toughpower DPS G Platinum
Wattage Range	1250W	1500W/1250W/1000W/850W	850W/750W/650W	1200W/1050W/850W
Input Voltage	Full Range	Full Range	Full Range	Full Range
80 Plus Certification	Titanium	Titanium	Gold	Platinum
RGB Lighting	Yes	Yes	Yes	No
Fan	14cm Riing Plus RGB Fan	14cm RGB Fan	14cm RGB Fan	14cm
Capacitor	All Japanese	All Japanese	All Japanese	All Japanese
Modular	Fully Modular	Fully Modular	Fully Modular	Fully Modular
Cable	Individually Sleeved /Flat Cable	Individually Sleeved /Flat Cable	Flat Cable	Flat Cable
Warranty	10 Years	10 Years	10 Years	10 Years

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Toughpower DPS G Gold	Smart DPS G Gold	Smart DPS G Bronze	Smart DPS G White
1050W/850W/750W/650W/550W/450W	750W/650W	700W/600W/500W	450W/350W
Full Range	Full Range	Full Range	230V Only
Gold	Gold	Bronze	White
No	No	No	No
14cm	14cm	12cm	12cm
All Japanese	All Japanese	Main Japanese	High Quality
Fully Modular	Semi Modular	Semi Modular	Fixed
Flat Cable	Flat Cable	Flat Cable	Sleeved Cable
10 Years	7 Years	7 Years	3 Years