

## **80PLUS Certified PSU Over 200 PCS! FSP, Having the Most 80PLUS Certified Units in the World**

**【2009/10/23】** 80PLUS certification was started from the beginning of 2004, and in 2005 after the 1<sup>st</sup> model certified, all the top ranking manufacturers in the industry had been trying their best to meet this standard. 80PLUS has become one of the important indexes of a PSU nowadays. When Energy Star established its standard, version 4.0, 80PLUS certification standard was also included. Up to date, there is a total of 1,795 power supply models with multi-outputs certified and listed in 80PLUS' website, among which there are 201 models from FSP, making FSP a manufacturer with the most 80PLUS certified products in the industry.

Recently a report from USA was issued stating the impact made by global warming on its national park. In the report, it stated clearly there were 25 specific spots, such as national parks, lake banks, coasts, memorial steles, etc, under the most severe impact triggered by global warming, where many species' lives were also under its threat. This report is now again drawing people's attention toward the global warming and the huge climate changes.

With the growing consciousness of conservation, energy saving and carbon dioxide reduction, there are more and more consumers starting to think how to do something for protecting our environment, and "how to assemble a PC with high efficiency and low energy consumption?" has become many PC users' major concern. In the past, generally speaking, the transfer efficiency of a power supply is around 60%~70%, which means, if the AC is equal to 100W and after it goes into your power supply, the DC transferred from AC would be only 60W~70W and the rest of the power, 30W~40W, are all turned into heat and dissipate in the air. Then, what is 80 PLUS? It means a power supply needs to reach an efficiency equal to or above 80% at a loading of 20%, 50% and 100%, and with a PFC equal to or above 0.9. Therefore, the higher the efficiency of a power supply, the less wasted heat it will produce and it also means you can save a lot more power and surely it will pose less impact to the environment.

As usual, FSP is always trying its best to contribute to the promotion of green energy and conservation. FSP Group, along with its powerful R & D team will continue to dedicate its resources and power in developing Green Power products. With more energy-efficient products available in the market, customers are able to enjoy lower electricity cost on one hand while reducing energy consumption in the world on the other hand. With the continuous rising number of 80PLUS certified power supplies, FSP Group currently has 201 models qualified for 80PLUS certification. Therefore, FSP Group is always your best choice for high efficient and energy saving power supply.

(all the information of 80PLUS Certified PSU from FSP can be found by the 80PLUS official website :

[http://www.80plus.org/manu/psu/psu\\_join.aspx](http://www.80plus.org/manu/psu/psu_join.aspx))

### **About FSP Group**

Founded in 1993, FSP Group is a leading manufacturer of power supplies and has over 15 years experience in designing products plus a team of over 350 R&D engineers. With a strong commitment to quality and the environment, FSP Group currently has over 140 products certified as 80Plus – more than any other manufacturer in the world. Today, FSP Group is the 3<sup>rd</sup> largest manufacturer of desktop power supplies.

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