

FSP Launches Twins Series PSUs

Written by Marco Attard
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FSP announces the Twins series-- PSUs featuring dual hot-swappable power supply modules, making them ideal for home, mail and small company servers benefiting from the security of having two independent PSU modules in one.



The two Twin Series modules differ in one wattage output, as one unit is rated at 500W and the other at 700W. Each contains two independent power modules with an own power adapter. During regular operation the two modules share the load for maximum efficiency and stability, but should one fail the other automatically takes over as "a clean fail safe." Hot-swap functionality allows the easy swapping of PSU modules without any downtime.

An LED Alarm Guard and control software alert users in case of PSU module failure, with a red flashing LED indicating the dud unit and an alarm sound letting one know of the issue. A flashing green LED indicates all is fine, while a yellow flashing LED is sign of a problem. The Twins connect to a system USB header to work with FSP Guardian software to monitor and control PSU modules, with real time input, output, efficiency and other metrics, as well as 7-day reviews.

The company says the PSUs are digitally controlled and provide low noise and ripple, and are rated for 24 hour operation even in environments as warm as 50 degrees Centigrade. Further protections include OCP, OVP, SCP and FFP, and the units are also 230V 80PLUS Gold certified with 90% efficiency at 50% load. Connection to systems comes through ATX 12V and EPS 12V connectors, and flat ribbon cables power other system components.

The Twins 500W model is available now, with the 700W model to follow soon.

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