



## Press Release

*For immediate release*

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### **Extreme Engineering Solutions (X-ES) Presents XPm2010: An Innovative 3U Power Supply with 60ms Hold-Up Capacitance**

**Middleton, WI – Aug 26, 2010** – Extreme Engineering Solutions (X-ES) is shipping XPm2010, an innovative 3U PICMG 2.11 power supply solution, taking in MIL-STD-704 28V-DC input voltage and providing up to 300W on 3.3V, 5V, and 12V at 90% efficiency.

The XPm2010 is extremely versatile, operating over a wide input voltage range from 16V to 50V steady state while maintaining up to 300W isolated output power. It provides up to 25A on 3.3V, 22A on 5V, and 8.3A on 12V in a compact 3U cPCI form factor. Integrated MIL-STD-461E EMI filtering is provided, and with an optional hold-up capacitor, the XPm2010 provides up to 60 ms of hold up time (at 120 W). With support for current sharing, two XPm2010s can be connected in parallel to provide increased power output. The XPm2010 redefines the rules on what can be done with a 3U power supply. It features:

- 3U cPCI form factor
- PICMG 2.11 standard 47 position connector pinout
- Conduction-cooled
- Optional on-card hold-up capacitor for up to 60 ms of hold-up time
- Load sharing support with another XPm2010

The XPm2010 is already in use by both domestic and international military/avionics customers and is the standard power supply used in X-ES cPCI ATR systems.

**Pricing and Availability:** The XPm2010 is available immediately. Pricing varies based on options selected and volume purchased, with list price starting at \$2,995.

**About Extreme Engineering Solutions, Inc.** Extreme Engineering Solutions, Inc. (X-ES) designs and builds chassis, single-board computers, I/O, power, backplane, and system-level products within the embedded computer industry. X-ES offers cutting-edge performance and flexibility in design plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website at [www.xes-inc.com](http://www.xes-inc.com) or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/assets/products/files/XPm2010-DS.pdf>

Press Photo: [http://xes-inc.com/assets/photos/content/120128\\_XPm2010-Photo1-L.jpg](http://xes-inc.com/assets/photos/content/120128_XPm2010-Photo1-L.jpg)

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