



Press Release

For immediate release

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X-ES Introduces First VITA 62 Power Supply: Conduction-Cooled 3U VPX XPm2020

Middleton, WI – May 26, 2011 – Extreme Engineering Solutions (X-ES) announces the immediate availability of the [XPm2020](#), a conduction-cooled, VITA 62, 3U VPX power supply that takes in MIL-STD-704 28V-DC input voltage and provides up to 300W on 3.3V, 5V, and 12V at 90% efficiency. Designed for rugged, deployed military applications, the [XPm2020](#) integrates MIL-STD-461E EMI filtering and on-card hold-up capacitance to provide 75 ms of hold-up time.

The [XPm2020](#) can operate 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 VPX form factor. With support for current sharing, two [XPm2020](#) power supplies can be connected in parallel to provide increased power output.

The [XPm2020](#) features include:

- 3U VPX form factor
- VITA 62 pinout
- Conduction-cooled
- Optional on-card hold-up capacitor for up to 75 ms of hold-up time (at 120W)
- MIL-STD-461E EMI filtering
- Intelligent Platform Management Interface (IPMI) controller
- Load sharing support with another XPm2020

“Being first to market with a VITA 62 power supply is further evidence of X-ES’s VPX leadership role,” states Bret Farnum, VP of sales at X-ES. “VITA 62 is an innovative technology for the embedded market that will benefit customers.”

VITA 62 is a power supply standard that defines a standard form factor and pinout. The form factor is compatible with VITA 46 (VPX) and VITA 48 (VPX-REDI). With the advent of VITA 62 power supplies, VPX users are no longer locked into custom, proprietary power supplies; they have the ability to purchase interchangeable power supplies from multiple vendors. The [XPm2020](#) was designed to the VITA 62 draft standard.

About X-ES — 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: www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XPm2020-DS.pdf>

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