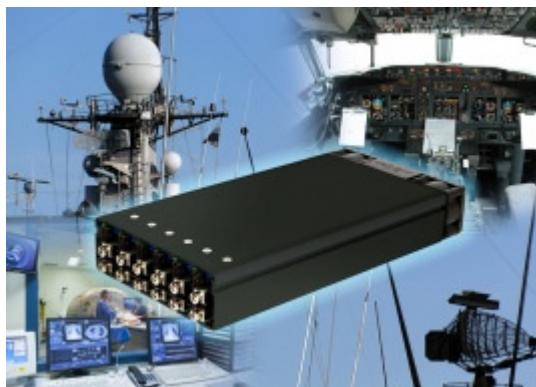


## Ruggedised AC/DC power supply targets harsh environments including Mil-COTS applications

November 12, 2012 // Paul Buckley



Excelsys Technologies has introduced the XF series of high reliability, ruggedised AC/DC [Power Supplies](#) intended for harsh environments including Mil-COTS applications.

The new XF family of [Power Supplies](#) provides from 400 W to 1000 W, with efficiencies greater than 90% in an extremely compact 1U x 268 x 127mm package. Employing its innovative plug and play architecture the XF family brings unprecedented flexibility that allows users to instantly configure a custom power solution in less than five minutes.

Designed to meet the demands of harsh operating environments, the XF family is ruggedised to withstand extremes in shock and vibration and is certified to Mil-STD 810G, Integrity Test for Vibration. Ideal for use in applications subject to extremes in temperature, the XF family will deliver up to 1000W over a wide temperature range from -55 to 70°C.

All configurations carry full safety agency approvals, including UL60950 and EN60950 and are fully characterised for EMI according to MIL-461F.

Other standard features include 47-440 Hz input frequency, 1.5 V to 58 V standard output voltages, individual output control, completely field configurable, all outputs fully floating allowing series/parallel connection for non-standard voltages or higher output current, paralleling of powerPacs for higher system power, 5 V/250 mA bias standby voltage provided and offers ultra high efficiency, up to 91%. Applications include harsh industrial, test and measurement, fixed and mobile [Radar](#) applications requiring COTS solutions.

Visit Excelsys Technologies at [www.excelsys.com](http://www.excelsys.com)

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