



**FOR IMMEDIATE RELEASE**

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**Behlman power supplies selected by major manufacturer of  
Nuclear Power Plant Reactor Control Systems  
to meet fail-safe requirements.**

*Intelligent monitor and control, plus power redundancy and  
rapid hot-swap capability provide the highest level of security.*

Hauppauge, New York, March 12, 2012 — Behlman Electronics Inc., known for its leadership in power products for industrial, commercial and military applications, has been selected by a major manufacturer of nuclear reactor control systems to provide the Behlman SSCI-890 Power Supply for installation at a nuclear power plant South in America.

The Behlman SSCI-890 Power Supply has three plug-in Line Replaceable Units (LRU). The two outside LRU's are identical N+1 redundant, hot-swappable power modules, each capable of supplying full system power. This assures that the system will continue in full operation even while a power unit is being changed. The center LRU is the system controller.

According to Ronald Storm, Behlman Vice President of Sales and Marketing, *"We are pleased to be able to support this customer's expansion by filling their repeat orders in a timely manner. With so many of our SSCI-890 Power Supplies in operation around the world over the past five years, the fact that we have never had even one returned for repair is evidence of their extreme reliability."*

**About the Behlman SSCI-890 Power Supply.**

Built on a Behlman COTS design for mission-critical power supplies used in US Navy fire control weapon systems, Behlman engineers have produced a power supply optimized to meet the performance and safety challenges experienced in the operation of Nuclear Reactors.

Each 19-inch, 3U rack mountable unit contains two complete power units with a controller unit in the center.

In addition to being N+1 redundant and hot swappable, Behlman's SSCI-890 Power Supply features current sharing, and each of the identical power units has short circuit and over current protection, power factor correction, current limiting, load and line regulation, plus front panel indicators for status of AC and DC. The LRU Control unit contains an integral battery, charger and timing control to support system shut down during AC brownout conditions.

Input is 90-240 VAC, single phase at 47-63 Hz. Logic power output is 5 VDC @100A, adjustable  $\pm 10\%$ ; memory power output is 5 VDC @3 A, adjustable  $\pm 10\%$ . The unit also has outputs at +12 VDC and -12 VDC @ 1.5 A.

Complete specifications for the Behlman SSCI-890 (P/N 94084) are available online at <http://www.behlman.com/cots.htm#industrial>.

Behlman Electronics Inc., a subsidiary of Orbit International Corp., manufactures and sells high quality standard, modified standard, custom and COTS power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, and uninterruptible power supplies.

Orbit International Corp., based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications.

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Behlman SSCI-890 Front



Behlman SSCI-890 Rear

*The front of the Behlman SSCI-890 Power Supply is protected by two stout vertical handles, which also aid in maneuvering the units into position. Optional slides are available. The left and right sides of this 19-inch rack chassis are occupied by identical power units, between which are the controller module. Operating parameters are constantly monitored by the controller module and status indicators provide operator awareness. Vertical extractor-handles on each module facilitate removal, and either power module can be removed and replaced without disrupting system function.*

*The rear panel of the Behlman SSCI-890 Power Supply has a comprehensive set of connections for input power, 5 VDC and other DC outputs; memory outputs, battery connection, power fail, and external remote monitoring and control.*