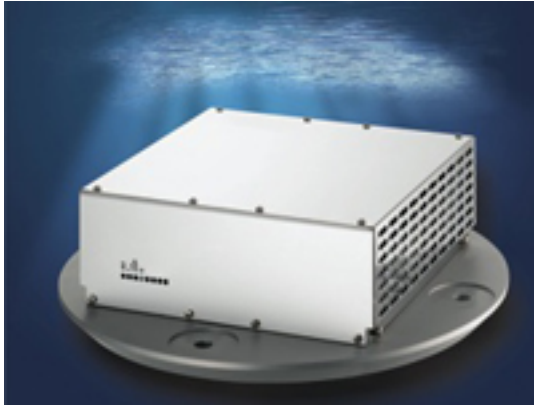


# Rugged Power Converter Suits Subsea Environments



Schaefer, Inc. announced a new power converter for subsea mineral exploration or other deep sea applications. Based upon the company's C3700 power converter, the design provides up to 1100W of power with an adjustable, tightly regulated 24 VDC output. Schaefer can also engineer units to accept a high voltage input (up to 5000 VDC) or to supply higher output voltages and/or output power. No minimum load is required for stable operation. The converter is optimized thus that seawater can be used as the input return path. The power converter operates with convection cooling over a wide temperature range of -20°C to +75°C. All dissipated heat is efficiently conducted through a single flat aluminum surface that can be mounted to the subsea structure. Over temperature shutdown with alarms, featuring automatic recovery, is inherent in the design. Additional features and protection circuitry include remote sensing, Power-OK, DC-OK, current limiting, short circuit protection, overvoltage protection and overload protection.

### **Schaefer, Inc.**

508-881-7330, [www.schaeferpower.com](http://www.schaeferpower.com) [1]

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[1] <http://www.schaeferpower.com>