



ANALYTIC SYSTEMS

Power Conversion Solutions



MILITARY APPLICATIONS

YOUR **MILITARY** POWER CONVERSION EXPERTS

Analytic Systems serves the power needs of prime contractors, OEMs, federal agencies and end-users in the military by providing power conversion solutions for the most unforgiving environments.



PWS1505-MS
POWER SUPPLY



IPS2000
INVERTER



VTC605
VOLTAGE CONVERTER



LIAC600-MS
BATTERY CHARGER

We offer many different ruggedized protection packages. Most often, our military products are equipped with extra-wide temperature range components so the unit will operate between -40C and +55C. The printed circuit boards are protected against condensation, and enhanced with vibration protection that meets or exceeds MIL-STD810D, Method 514-3 and Cat-I Proc. Our military products are built to meet water tightness MIL-PRF 44485 and EMC radiated and conducted emissions MIL-STD 461F. All C.O.T.S. products are manufactured in accordance with IPC-A-610, and many can be modified to meet IP67 environmental protection.

BATTERY CHARGERS

Analytic Systems offers a wide range of AC-DC and DC-DC switch-mode, high performance battery chargers. From 200 -1500W we are able to provide 12-24-32-48-72VDC and many other charge voltages. Our stackable design accommodates higher current jobs. Offering auto ranging 120/220VAC input for most AC models!

DC/AC INVERTERS

Offering an extensive range of ruggedized sine-wave inverters that provide crystal clear 110 or 220 AC power from a 12-24-32-40-volt DC source to power your AC equipment. Custom inverter available from 100 - 6000VA in single phase or 1.5- 6KVA in three phase. Rack or chassis mount units available.

VOLTAGE CONVERTERS

Using your existing 12-24-48-72 or 110 VDC power source, Analytic Systems voltage converter will step-up, step-down, stabilize or isolate DC power over a range of 12 to 360 volts. Providing reliable regulated DC power to equipment and large system. Rack or chassis mount units available. Challenge us with your difficult configurations!

POWER SUPPLIES

Our AC-DC power supplies are renowned for their ruggedness and durability. Featuring precisely regulated DC output and ultra-low electronic interference operation, our power supplies can be used with 110Vac, 220Vac or both. Available in rack or chassis mount, with a digital meter or an auxiliary battery backup output option.

An ISO9001 and AS9100 Registered Company Battery Chargers • Inverters • Power Supplies • Voltage Converters

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www.analyticsystems.com

Analytic Systems Military Power Conversion Products

CUSTOM POWER REQUIREMENTS

Analytic Systems offers custom-engineered power solutions up to 10KW. We work closely with customers to help them meet their power conversion requirements, and offer full-cycle support for all products - including ongoing maintenance and repair. We have a tradition of maintaining long-term relationships with our customers, who rely on our expertise in designing and maintaining highly technical power conversion solutions.

ABOUT US

Analytic Systems is a leading North American manufacturer of High-Performance Power Conversion Technology Products. We're an industry leader in rugged, specialized power conversion electronics, supplying thousands of power conversion units to all divisions of the US military, plus companies including Metal Shark, SeaArk, Seaspan, Northrup Grumman Ship Systems, and Foss Tugs. We are ISO 9001:2008 and AS9100 ABS certified and our products meet CETL/UL/CSA requirements.

CONTACT US

Call or Email to find out how Analytic Systems products can assist you or your customers!
Toll free: 800.668.3884 | Email: analyticinfo@analyticsystems.com

PRODUCTS

Also available:

Frequency Converters

Power Supplies

Battery Back Up Systems

*Our products are the ultimate power problem solvers!
We offer many customization options and have a wide variety of ruggedized profiles available.*

*If you need a rugged, high quality product or a configuration you can't find anywhere else, give us a call!
Let Analytic System be your Power Problem Solver!*



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