

# ANALYTIC SYSTEMS

Power Conversion Solutions



## MILITARY APPLICATIONS

Analytic Systems has a long history of meeting the needs of military organizations and prime contractors such as the US Military, Canadian Military, Moroccan Army, Turkish Army, Saudi Armed Forces, Raytheon, Textron, DEW Engineering, FLIR, IAI, Northrop Grumman, LMC0, BAE and Elbit Systems. From power supplies for MBU field kitchens, to inverters for portable command centers, to battery chargers for firing TOW missiles and ground power stations for Shadow UAV control stations, we have done it all.

Our facilities and personnel are Canadian Controlled Goods Directorate certified, permitting us to work with ITAR certified prime contractors. We are experienced in designing for and meeting MIL461 (EMC), MIL810 (Environmental) and many other military standards. In house testing capabilities include conducted and radiated emissions, electrostatic discharge, vibration and temperature.

Customization of any standard model is available to meet specific requirements, and original design requests are welcome.

### INVERTERS

Analytic Systems has been producing Pure Sine Wave inverters since 1994. Originally designed for running navigation computers in marine applications, the IPSi line has evolved into a line of Digitally Controlled models with power outputs from 300 to 3600 watts and includes waterproof versions for exposed or hazardous locations.

### BATTERY CHARGERS

Analytic Systems manufactures a wide range of rugged IPS67 rated battery chargers that operate from either AC or DC power sources. One, two or three bank models, temperature compensation, bright LED voltage and current readouts, support for Li-on and traditional Lead Acid chemistries are available.

### VOLTAGE CONVERTERS

Analytic Systems manufactures Common Negative and Isolated DC-DC Voltage Converters. Used for voltage conversion up or down without the need for batteries or ground isolation between 100 and 3000 watts including the popular VTC300 and VTC600, 32 to 12 volts converters that trace their roots right back to the company's origin.

### POWER SUPPLIES

The PWS series power supplies designed and produced by Analytic Systems are specifically designed for the commercial, industrial and COTS military markets. Inputs from 110 or 220 AC, or full 85 to 265 VAC with power factor correction deliver outputs from 12 to 72 volts DC at 120 to 3000 watts.



**VMC800**

Vehicle Mounted Charger



**IPS2i2400M**

Inverter



**BCA1505MW**

Battery Charger

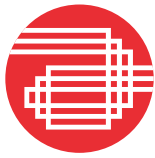


**UGCS-S280**

UAV Power Centre

An **ISO9001** Registered Company

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Head Office | BC, Canada

Analytic Systems is an innovative Canadian manufacturer of high performance power conversion products. We designed our first Switchmode DC-DC Voltage Converter in 1976 and today we design and build a complete range of products including Battery Chargers, Voltage Converters, Inverters, Power Supplies, Frequency Converters and MPPT Solar Charge Controllers.

All of our products are manufactured in our own ISO9001 certified state of the art facilities located near Vancouver, BC, Canada that include the latest automated Surface Mount Technology, CNC conformal coating and transformer

manufacturing. In a separate facility, we CNC machine billet enclosures, extruded enclosures and heat sinks from aluminum, copper, brass, bronze and titanium. All of our facilities are Controlled Goods Directorate certified for security.

At Analytic Systems, we know that the reliability of our systems not only depend on the quality of the design and manufacture, but also in the way we support our products. All products are designed to meet or exceed many international testing standards including CSA, UL, ABS and CE. We are experienced in working with Military standards including MIL461 (EMC) and MIL810 (environmental).

Whether you need marine, industrial, telecom, COTS or MILSPEC, one unit or a thousand, we can do it. Call or email us today with your unique requirements!

## OTHER MARKETS SERVED

### MARINE

NAVAL & DEFENSE

COMMERCIAL

RESEARCH

OFFSHORE

LUXURY & SUPER YACHT

### INDUSTRIAL

STEEL MILL

INDUSTRIAL

MINING

OIL & GAS

UTILITIES

### TELECOM

TELECOM

CABLE TELEVISION

TWO-WAY RADIO

SATELLITE COMMUNICATION

### TRANSPORTATION

TRANSIT

RAIL

TRUCKING

### ALTERNATIVE ENERGY

WIND POWER

SOLAR ENERGY

HYDROPOWER

**CONTACT US TODAY!**

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