



NAVAL & DEFENSE RESEARCH OFFSHORE COMMERCIAL LUXURY & SUPER YACHT

Analytic Systems began in the marine market, with their first 32 to 12 volt Switchmode DC-DC voltage converter designed in 1976 by founder Lloyd Hargrove specifically for powering 12V 150 Watt SSB radios directly from 32V engine starting batteries.

Today we manufacture a full line of marine grade power conversion products including step-up and step-down DC to DC Voltage Converters from 60 to 1500 Watts, Multi-Bank Programmable Battery Chargers for 12, 24 and 32 volt batteries up to 100 Amps and Pure Sine Wave DC to AC Inverters from 12, 24 or 32 volt batteries up to 3600 Watts.

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 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 Lithium Ion in addition to traditional Lead Acid chemistries, are all available.

VOLTAGE CONVERTERS

Analytic Systems manufactures Common Negative and Isolated DC-DC Voltage Converters. Use for voltage conversion up or down without the need for batteries or ground isolation between 100 and 1500 watts including the popular VTC300 and VTC600 32 to 12 volts converters that trace their roots right back to the companies 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 1500 watts.



IPS300W
Sealed Inverter



IBC320MW
Intelligent Battery Charger



VTC605
Voltage Converter



BCA1505MW
Sealed Battery Charger

PWS1505MW
Sealed Power Supply



ANALYTIC SYSTEMS

Power Conversion Solutions

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Head Office | BC, Canada

Analytic Systems is an innovative Canadian manufacturer of 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

MILITARY



COTS

UAS

MARINE

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

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