



# ANALYTIC SYSTEMS

Power Conversion Solutions



## RAIL APPLICATIONS

### RUGGED, DURABLE POWER SYSTEMS FOR RAIL

The combination of heat, dirt, moisture, and corrosive dust can rapidly deteriorate electronics that are not up to the task. When it comes to electronic rail power, quality cannot be compromised. Analytic Systems designs and supplies power systems for the most extreme conditions, which is why companies trust us to provide rugged, reliable solutions.



Battery Chargers



Custom Inverters



Voltage Converters



Power Supplies/Battery Back Up

## 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 designs accommodate higher current jobs. For Rail, we can offer 72 - 250VDC input battery chargers to integrate your energy storage or battery backup system to your high voltage supply.

## CUSTOM INVERTERS

Offering a broad range of quality sine-wave inverters for professional applications, with output power ranging from 100 VA to 6000VA in single phase or 1.5 - 6KVA in three phase. These products are designed to have optimal rugged protection needed for rail applications. Rack Mount and chassis mount units. Great for APUs or for powering an onboard PC.

## VOLTAGE CONVERTERS

Using an existing 12, 24, 48, 72 or 110VDC power source, an Analytic Systems voltage converter will supply reliable, regulated and fully isolated DC power up to 130 VDC. Chassis mounted and rack mounted units available. Challenge us with your difficult configurations! Use to power equipment or part of a larger system.

## RUGGEDIZED

The key to a successful electronics installation on a locomotive is the placement and amount of protection from temperature variants, dust, moisture, vapour and vibration. Analytic Systems products can be trusted to perform in any environment.

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

8128 River Way, Delta B.C. V4G 1K5 Canada T: 604.946.9981 F: 604.946.9983 TF 1.800.668.3884

www.analyticsystems.com

# Analytic Systems RAIL Ready 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](mailto: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!*



**ANALYTIC SYSTEMS**  
Power Conversion Solutions

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

8128 River Way, Delta B.C. V4G 1K5 Canada T: 604.946.9981 F: 604.946.9983 TF 1.800.668.3884

[www.analyticsystems.com](http://www.analyticsystems.com)