

The 950 Product Release of 2009 – Introducing a 3 Year Old!

Spang Power Electronics, an innovator and industry leader in power control and conversion technology, is pleased to acknowledge the 2006 release of the 950 Series Digital Power Controller. The 950 is a multifunctional Digital Signal Processor (DSP) based power controller which interfaces to a variety of power switching devices and directly to control systems through a high speed network.



950 Series Digital Power Controller

The 950 is currently being used in a variety of different industries and applications including:

- Fiberglass
- Flat glass
- Polysilicon and polysilicon processing
- Automotive electrocoating
- Steel processing
- General industrial heating

Spang has supplied or is contracted to supply nearly twenty (20) customized configurations of the 950 into nearly as many applications with shipments to North America, Asia, and Europe.

It is the most powerful, versatile, and capable power controller available in the industry today!

In the late 90's with the introduction of the digital 850 Series, Spang revolutionized the power control industry, gaining a dominant market share in a variety of industrial applications. From the experience gained applying 850, Spang identified the need for an even more powerful control platform capable of taking on ever more complicated and sophisticated applications. In response, Spang developed the 950 Series Digital Power Controller.



850 Series Digital Power Controller

Spang has again raised the bar on power control technology!

Prior to Spring of 2009, Spang shielded the 950 technology from its competitors by forming confidential relationships with a variety of industry leaders. While Spang's competition was focused on bringing their technology up to date to compete against the 850 Series, Spang was quietly forging ahead with newer technology and applying it in market leader facilities. Confidentiality with these progressive companies allowed Spang to introduce its 950 technology while maintaining and extending first mover benefits.

The success and acceptance of the 950 is based upon several key factors including:

- Flexible firmware for quick adaptation to customer application requirements
- Building block for "power quality friendly" configurations
- Engineering expertise in design of complex power stages and packages to allow for sophisticated system solutions
- Direct coupling for high voltage applications
- High speed processor capable of multiple control loops and multiple independent zones of power control
- A variety of industry standard direct communication protocols to choose from including DeviceNet, Profibus, Modbus RTU, Ethernet MODBUS TCP, and Ethernet IP (Ethernet IP pending release in 4th quarter of 2009)
- The ability to "fire" up to twenty-four (24) SCRs
- The ability to "fire" up to forty-eight (48) IGBTs
- Advanced local operator interface for control and monitoring that provides access to all parameters through a user friendly application specific multiline display
- High quantity of analog and digital I/O for system and control interface
- Built in voltage and current feedback sensing
- PC interface for unit configuration, setup, calibration, and troubleshooting
- CE marking for European applications

With the 950, Spang extends its technology and innovation leadership while demonstrating its commitment to bringing customers the best power control and conversion technology available anywhere in the world.

Spang looks forward to solving problems for its customers by leveraging its experience, technology, and application knowledge. Contact us to learn more about the 950 and its benefits to your critical industrial application.

Spang Power Electronics

Website: www.spangpower.com
Email: spesales@spang.com
Phone: 440-352-8600
Fax: 440-352-8630