Artisan Technology Group

Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS
Experienced engineers and technicians on staff at our full-service, in-house repair center

InstraView℠ REMOTE INSPECTION
Remotely inspect equipment before purchasing with our interactive website at ***www.instraview.com*** ↗

WE BUY USED EQUIPMENT
Sell your excess, underutilized, and idle used equipment
We also offer credit for buy-backs and trade-ins
www.artisantg.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?
Visit us on the web at ***www.artisantg.com*** ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisantg.com | www.artisantg.com

Common Features for ALL SPS 1.2kW and 1.5kW Models

- Automatic Constant Voltage/Constant Current Mode Crossover
- Multiple units can be connected in parallel or in series to provide increased current or voltage
- Output Voltage Ratings up to 800Vdc and Current Ratings up to 150Adc
- Standard 19” Width for ATE and System rackmount integration
- High Power Density - 1.2kW/1.5kW in a 1U package
- Fan-speed Control to reduce acoustic noise
- Remote Sensing to compensate for measurement errors due to large line drops
- High-resolution 16 bit ADC & DAC Design
- Active Down Programming Control for fast down programming speed
- Remote Programming Control with Standardized SCPI Commands for integrated ATE testing available
- Polarity Reversal & Isolation Output Relays available
- LabVIEW/LabWindows Drivers
- Modified & Customized Solutions

K- Panel Version (Keypad and Encoder)

- Standard Embedded RS-232, IEEE488.2 SCPI/GPIB, USB, and Ethernet Interfaces
- User-friendly Keypad and Real-time Encoder allows flexible control
- 16 bit Digital Design for high-resolution accurate measurements via a 2X20 VFD display or remote interfaces without the need for a DMM
- The V_{LIST} (voltage) and I_{LIST} (current) Stepping Modes generate user-defined sequence of output level up to 20 steps (points), with dwell times from 10ms to 1 minute stored in 4 profiles (This sequence can be cycled once or to a user-defined number of cycles)
- Designed with durability, reliability and DUT protection in mind – Programmable OVP (Over-voltage Protection), OCP (Over-current Protection), Redundant OTP (Over-temperature Protection), UVP (Under-voltage Protection), Remote Lockout (for I_{LIST}, V_{LIST} and ATE), Remote Inhibit (RI) & TTL Fault Output Signal for system level protection

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

V – Panel Version (Voltage/Current Encoder Knobs)

- Dual encoders and front panel indicators for real-time control and monitoring
- 16 bit ADC/DAC design for high-resolution measurements via dual-LED displays or Remote Read back without the need for a DMM
- Total Modular System Control
- Control multiple units as a single block and master/slave parallel the power supplies with built-in active current sharing via the RS-485, with enhanced front panel ventilation to achieve simple and economical system expansion in a zero-stack configuration
- Output Sequencing precisely controls individual power supply output on/off states with timed delays
- Embedded RS-232, RS-485, IEEE488.2 SCPI/GPIB, and optional USB/Ethernet for flexible ATE integration
- Programmable OVP (Over-voltage Protection) and OCP (Over-current Protection), redundant OTP (Over-temperature Protection) & UVP (Under-voltage Protection)
- Interlock protection ready - Remote Inhibit (RI) & TTL Fault Output Signal for system level protection
- The V_{LIST} (voltage) and I_{LIST} (current) stepping modes via remote programming
- Electronic Remote/Local Closed-cased calibration
- RS-485 controlled models are available without front panel control

1.5kW Version (Highest Power Density)

- Includes all features of the V-version SPS
- Up to 1.5kW power output in a single 1U box with 208 or 240Vac input
- RS-485 Controlled 1.5kW Modules with active current sharing provides flexible & simple system expansion to fulfill future test requirements by adding to existing systems instead of purchasing expensive new systems

0 – Panel Version (Voltage/Current Potentiometer)

- Simultaneous digital display of both current and voltage, and dual Ten-turn potentiometer for high resolution setting of the output voltage and current from zero to the rated output
- Front panel trim adjustment for OVP set points. Front panel (LED) indicators for constant voltage and constant current mode operation, OVP, thermal, and TTL shutdown (S/D)
- 0 ~ 5Vdc Remote voltage and current monitor, 0 ~ 5Vdc/0 ~ 10Vdc remote voltage/current programming
- Embedded RS-232, IEEE488.2 SCPI/GPIB, & RS-485 Remote Interfaces Available for simple and flexible ATE Integration
- Control multiple units as a single block and master/slave parallel the power supplies with built-in active current sharing via RS-485 to achieve simple and economical system expansion
- Analog-Only, control models available

Artisan Technology Group

Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS
Experienced engineers and technicians on staff at our full-service, in-house repair center

InstraView℠ REMOTE INSPECTION
Remotely inspect equipment before purchasing with our interactive website at ***www.instraview.com*** ↗

WE BUY USED EQUIPMENT
Sell your excess, underutilized, and idle used equipment
We also offer credit for buy-backs and trade-ins
www.artisantg.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?
Visit us on the web at ***www.artisantg.com*** ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisantg.com | www.artisantg.com