

## DC Power Sources Software for Automotive Load Testing

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*Chroma Systems Solutions DC Power Sources offer ISO 16750-2 compliant software for DC transient simulations for Automotive load testing.*

Irvine, CA, Feb 2, 2009: Engineers demanding more from load testing instruments and software can now look to Chroma Systems Solutions to meet their requirements. Chroma's newest 62000P series DC Sources provide DC transient simulation software compliant to ISO16750-2 Automotive Electronic Load testing. The software addresses the standard including:

- Starting profile
- Reset behavior to voltage drip instability
- Momentary dropout of supply voltage
- Programmable rise/fall settings for output voltage and/or current.

The 62000P and available software is designed for testing of LED headlights, Electronic Control Unit (ECU), Wiper Motors, Electronic Window, Car Stereo systems, Global Positioning System (GPS), Battery Chargers and other devices during production, R&D or quality assurance test stages.

The 62000P Series of programmable DC power supplies deliver exceptional advantages for ATE integration and testing. Other unique advantages include a constant power operating envelope, high precision readback of output current and voltage, external device (o'scope) synchronization triggers as well as user definable transient waveforms to assess device behavior to spikes, dropouts, and other voltage deviations.

Consisting of nine models ranging from 600W to 5000W, up to 120A and up to 600V, the 62000P Series features 16 bit readback capability for accurate voltage and current readings eliminating the need of complex shunt/multiplexers for accurate readings of the UUT's input parameters. Instruments also include I/O ports providing 8 bit TTLs, DC-ON, fault output signal, remote inhibit, and an output trigger signal for system timing measurements. Designed for automated testing of DC-DC converters and related products, the 62000P sets a new standard for high accuracy programmable DC supplies.

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About Chroma Systems Solutions:

Chroma is a world leader in power and electronic testing instrumentation and automated testing system. With offices and manufacturing facilities located worldwide, Chroma is renowned for it's commitment to excellence in product, service, and innovation. Chroma Systems Solutions corporate office is located in Irvine, CA. Please visit [www.chromausa.com](http://www.chromausa.com) for more company and product information or call us at (949) 600-6400.

Category	Engineering, Technology, Automotive
Tags	dc power supply, ate, power testing, automotive power test
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