

Chroma Introduces New AC Electronic Load: Up to 4500W

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A new series of AC Electronic Loads up to 4500W designed for testing power devices. Unique features make the 63800 Series the right choice for testing uninterruptible power supplies, Batteries, Off-Grid Inverters, AC sources and other power devices.

Chroma introduces its new 63800 Series AC Electronic Loads designed for testing uninterruptible power supplies (UPS), Batteries, Off-Grid Inverters, AC sources and other power devices such as switches, circuit breakers, fuses and connectors.

- Power Rating : 1800W, 4500W
- Voltage Range : 50V - 350Vrms
- Current Range : Up to 45Arms
- Peak Current : Up to 135A
- Frequency Range : 45 to 440Hz, DC
- Parallel to 27KW single or three phase
- Power Factor Range : 0 to 1 lead or lag
- Constant & Rectified Load Modes
- Analog Voltage & Current Monitor
- Timing Measurement for Battery, UPS, Fuse & Breaker tests

Equipped with unique timing measurement functions, the 63800 Loads allow users to measure critical timing parameters such as battery discharge time, the trip time for fuse and breaker testing and UPS transfer time.

The Chroma 63800 Loads can simulate load conditions under high crest factor and varying power factors with real time compensation even when the voltage waveform is distorted. This special feature provides real world simulation capability and prevents overstressing thereby giving reliable and unbiased test results.

The 63800's state of the art designed uses DSP technology to simulate non-linear rectified loads in a unique RLC operation mode. This mode improves stability by detecting the impedance of the UUT and dynamically adjusting the load's control bandwidth to ensure system stability.

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About Chroma Systems Solutions:

Chroma is the largest worldwide provider of power and electronic testing instrumentation and automated testing systems. 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 for more company and product information or call us at (949) 600-6400.

Category	Engineering, Technology, Research
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