New 15KW Grid Simulators for Micro Inverter Testing from Chroma

Chroma adds three new compact models to their 61800 series of four quadrant regenerative grid simulators delivering 15kVA in 3U for testing on-grid products including Micro PV inverters, electric vehicle power supply equipment, and bidirectional on-board chargers.

FOOTHILL RANCH, Calif. (PRWEB) July 27, 2020 -- Chroma Systems Solutions, Inc., a leading provider of power conversion test equipment, releases three new models to their 61800 Regenerative Grid Simulator series. Chroma regenerative grid simulators are four quadrant, fully regenerative AC Power Sources. The newly released 61809/61812/61815 models provide power ratings of 9kVA/12kVA/15kVA respectively at 3U height. The 3U form factor occupies less space and provides flexibility when integrating into automated test systems or on the test bench depending on the application.

New Chroma 61809/61812/61815 models are equipped with selectable single phase and 3-phase output, 350 VLN wide output voltage range, 100% DC output, 200V–480V universal voltage input and is completely regenerative which lowers operational costs. Additionally, users can extend the output power by connecting up to 3 units in parallel, achieving a high power density configuration of 45kVA output power at only 9U height.

As well as grid simulation for server power or electrical commercial products, the new 61800 models can be applied to applications in green energy. PV inverters, energy storage systems (ESS), power conditioning systems (PCS), micro grids, power hardware-in-the-loop (PHIL), electric vehicle power supply equipment (EVSE), on-board charger (OBC) and bidirectional on-board charger (BOBC) are targeted applications and a whole new 9kVA to 45kVA high power density solution.

On the front panel, the Chroma 61809/61812/61815 models are equipped with an intelligent touch screen providing an intuitive user interface. Input from the touch screen and rotary knob allow views of different screens to quickly perform multiple settings and program operations. For example, Chroma’s Power Line Disturbance advanced programming functions are greatly optimized with tap and swipe operations when programming in LIST Mode and copy and paste functions help speed up setting sequences - all giving a more instinctual and convenient way of programming similar to operating a smartphone.

For more information on Chroma 61800 series Regenerative Grid Simulators, logon to http://www.chromausa.com or call us at (949) 600-6400.

About Chroma Systems Solutions

Chroma Systems Solutions, Inc. is a leader in providing power electronics and electrical safety testing instrumentation and systems. Chroma’s programmable power supplies, electronic loads, meters, hipot testers and automated testing systems provide solutions for applications in Automotive and Battery, Aerospace, Defense, Commercial, Medical, Marine, and Regulatory Testing as well as green energy markets including Solar, Electric Vehicle and LED. With offices and manufacturing facilities located around the globe, Chroma is dedicated to providing the highest quality equipment for compliance and R&D test engineers as well as unparalleled service and support. Chroma Systems Solutions corporate office is located in Foothill Ranch, CA. For more information, please visit http://www.chromausa.com or call us at (949) 600-6400.
Contact Information
Steve Grodt
Chroma Systems Solutions, Inc.
http://www.chromausa.com
9496006400

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