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PRESS RELEASE

Rohde & Schwarz presents multi-purpose R&S NGT3600 high-precision dual-channel power supply at productronica

Delivering precise DC power up to 3.6kW, the new R&S NGT3600 DC power supply series is a multi-purpose solution for applications across all stages of R&D, quality assurance and production. The unique dual-channel R&S NGT3622 model, in particular, is perfectly suited for a variety of test and measurement tasks, including power system testing, DC-DC converter evaluation and the simulation of voltage profiles in accordance with test standards.

Munich, November 18, 2025 — Rohde & Schwarz showcases at productronica 2025 the R&S NGT3600 series, a new line of DC power supplies offering up to 1800 W per channel. These power supplies are highly versatile, providing adjustable output voltages of up to 80 V. The two channels of the R&S NGT3622 model can be combined in series or parallel, allowing users to double either the voltage or the current. For applications requiring even more power, up to three units can be connected, delivering up to 480 V or 300 A across six channels.

Exceptionally clean and stable power

The R&S NGT3600 series delivers exceptionally clean and stable power, featuring very low voltage and current ripple and noise. With a resolution of 100 µA for current and 1mV for voltage, the instruments offer precise measurements needed for a wide range of applications.

Adjustable dual-channel power for various test and measurement tasks

The unique two-channel model, the R&S NGT3622, sets a new benchmark for high-performance DC power supplies by combining up to two fully independent 1800 W outputs in a single compact instrument. This represents a significant breakthrough for labs and test systems that demand versatility, space efficiency, and uncompromised precision. Thus, it is ideally suited for measurement and testing tasks in various industries, including power electronics, mobile and satellite communications, renewable energies, automotive, aerospace & defense, among others. The R&S NGT3622 enables precise current and voltage testing under load, efficiency measurements and thermal characterization of components such as DC/DC converters, power supplies, motors, and semiconductors.

Engineers can use a R&S NGT3600 to test high-current prototypes, such as base stations, validate MPPT algorithms for solar inverters, or inspect charging stations. In the automotive sector, it supports the transition to 48 V on-board networks, making it ideal for simulating on-board networks and powering communication systems, sensors, and control units during testing. These capabilities are equally valuable in the aerospace and defense sectors. In short, the R&S NGT3600 is a comprehensive solution for the development and verification of modern DC power supply systems and battery-powered devices.

All models in the R&S NGT3600 DC power supply series are directly rack-mountable – no adapter is required. They are part of the R&S ESSENTIALS portfolio and will be available as of January 13, 2026, from Rohde & Schwarz and selected distribution partners. Visitors to productronica 2025 in Munich can already experience the instruments at the Rohde & Schwarz booth A1.375.

For more information about the R&S NGT3600 DC power supply series, visit: https://www.rohde-schwarz.com/products/test-and-measurement/power-supplies/ngt3600-power-up-your-testing_258376

Caption: Rohde & Schwarz presents with the new R&S NGT3600 DC series precise adjustable dual-channel power supplies for a wide range of test and measurement tasks.

Press contacts:

Europe (headquarters): Christian Mokry (phone: +49 89 4129 13052; email: press@rohde-schwarz.com)

North America: Faride Akretch (phone: +1 503-887-3815; email: faride.akretch@rsa.rohde-schwarz.com)

Asia Pacific: Sze Ming Ng (phone: +603 5569 0011; email: press.apac@rohde-schwarz.com)

Contact for readers:
www.rohde-schwarz.com/contact

R&S Essentials portfolio

Developers and engineers worldwide have been relying on the T&M expertise of Rohde & Schwarz for 90 years. The company is known for providing innovative performance testing solutions and applies its expertise and high quality standards to its portfolio of essential bench instruments – the R&S Essentials. Rohde & Schwarz is building this industry-defining portfolio, ranging from oscilloscopes, DC power supplies and signal generators to spectrum analyzers, vector network analyzers, meters and counters with the strategic goal of becoming a full portfolio supplier in the T&M market. For R&S Essentials, Rohde & Schwarz is extending its reach through a distribution network with channel partners worldwide, offering a one-stop shop experience for any type of T&M task, application and

budget. Whether in the lab or field, on campus or in a production facility, R&S Essentials demonstrate that high-quality hardware and software solutions do not have to come with a high price tag.

Rohde & Schwarz

Rohde & Schwarz is striving for a safer and connected world with its Test & Measurement, Technology Systems and Networks & Cybersecurity Divisions. For over 90 years, the global technology group has pushed technical boundaries with developments in cutting-edge technologies. The company's leading-edge products and solutions empower industrial, regulatory and government customers to attain technological and digital sovereignty. The privately owned, Munich based company can act independently, long-term and sustainably. Rohde & Schwarz generated a net revenue of EUR 3.16 billion in the 2024/2025 fiscal year (July to June). On June 30, 2025, Rohde & Schwarz had more than 15,000 employees worldwide.

All press releases, including photos for downloading, are available on the internet at www.press.rohde-schwarz.com.