

Press Release

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For release: Immediately

Newave introduces latest generation of Modular UPS, “DPA UPScale™”

Newave, a leading manufacturer of uninterruptible power supply (UPS) solutions, today announced the introduction of the DPA UPScale™. The DPA UPScale™ is the third generation of its award-winning modular and redundant power protection UPS system for data centres and network environments based on Decentralised Parallel Architecture (DPA).

The DPA UPScale™ is available as a racked-based and rack-independent UPS solution to support the diverse requirements of today’s IT infrastructure.

The rack-based solution **DPA UPScale ST** is designed for high density computing environments and delivers power protection from 10 kW to 120 kW (up to six modules) in a single industry standard 19” rack. The powerful configuration offers a solution with maximum power density of 272 kW/m². Its modular design provides a 'pay as you grow' model, ideal where requirements grow fast and unpredictably. The system delivers pure power combined with complete network integration software and communication connectivity, providing a comprehensive, easy-to-integrate solution for data centres and network environments.

The rack-independent **DPA UPScale RI** is designed to be the most versatile UPS on the market and provides the best technical and commercial solutions to meet individual power protection needs. The unique UPS system solution is available with modules of 10 or 20 kW in a building block fashion and permits efficient manufacture of individual solutions to meet industry's wide range of requirements. The components are best-in-class hardware and software and respond to all sorts of customer applications. The framed unit can be integrated in any 19” cabinet – independently of manufacturer and are available in various useable depths. Thanks to the cost benefits afforded by standard production of the UPS modules, individual implementation in existing or future power protection solutions produces a highly beneficial symbiosis for customers.

The new product follows the concept of modularity and decentralised parallel architecture (DPA). “The modular concept keeps the purchasing and operating costs of power protection solutions exceptionally low. It allows the customer to purchase power protection technology on an on demand basis: you buy today what you need today, but with the flexibility for tomorrow” said Villaznim Xhiha, CEO Newave Energy. “DPA delivers a redundant protection without “single point of failure”. With all of the critical components duplicated and distributed between the independent modules, system uptime is maximised.”

Due to the exceptionally low weight of a UPS module (18.3 – 21.5 kg) – the lowest available in the market - the set up of additional modules into the working system is very easy and can be deployed



by a single person. The DPA Upscale™ offers unmatched power performance with 95.5 % efficiency across a wide load range and excellent efficiency in every working condition (94 % efficiency at 25 % load). Class leading input current total harmonic distortion (THDi) of <3% virtually eliminates harmonic pollution of the mains supply. DPA Upscale generates a near unity input power factor at partial and full load (99%). The module integrated LCD display provides a multi-function status and control console and delivers the relevant information for every single module.

The DPA UPScale™ enables organisations to simply and cost effectively increase their UPS power, maximise availability and enjoy the long-term benefits of scalable UPS solutions that can grow in sensible incremental steps as the organisation grows. Additionally, the versatile rack-independent solution DPA UPScale RI simplifies the purchase and deployment of UPS systems when fully customised solutions are requested. The results are improved efficiency, lower cost of ownership and better customer service through high availability. The DPA UPScale™ is available for shipment in September 2009.

Notes for Editors

- Available graphical material: product photos
- Available background information: brochure DPA Upscale™ / Technical Datasheets

About Newave

Newave Energy is a leading manufacturer of uninterruptible power supply solutions that enable customers to protect their critical applications from operational losses and ensure business continuity. Innovation, quality, serviceability and environmental friendliness are key characteristics of our power protection solutions. Newave Energy has introduced modularity and transformer-less UPS-technology several years ago and these are the most important architectural trends in the UPS market today. Our mission is to help our customers from various industries to protect their critical applications efficiently and to lower environmental impact in a sustainable way. The company operates its own sales and service offices in eight countries and a worldwide network of business partners. Newave Energy continues its focus on development and manufacturing of leading power protection technology while worldwide we provide comprehensive services such as technical consultancy, maintenance and service packages. The company was established in 1993 and is headquartered in Quartino (Switzerland). Newave Energy has 155 employees and serves customers mainly in Europe, but also in Asia, Australia and Latin America.

Companies

Newave Energy Holding SA, Schweiz
Newave SA, Schweiz
ServiceNet AG, Schweiz
ServiceNet GmbH, Österreich
Newave USV Systeme GmbH, Deutschland
Newave Electronics srl, Italien
Newave España SA, Spanien
Newave South America, Brasilien
Newave UPS Systems BV, Holland
Newave Finland OY, Finnland
Newave (Hong Kong) Ltd, China



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