

Natron Energy Partners with VPS and CE+T to Introduce New Power Platform

Team addresses data center and telecom requirements for UL & NFPA compliant rack, row, aisle power capacity on demand.

SANTA CLARA, CA (June 2, 2020) — Natron Energy, the world leader in Sodium-ion batteries using Prussian Blue chemistry, announced the introduction and production-ready availability of a new Software-Defined Power© Platform developed in collaboration with Virtual Power Systems (VPS), and CE+T. The new power platform, available today from CE+T and VPS incorporates Natron's UL and NFPA855 compliant batteries addressing fire safety risks associated with lithium batteries, accelerating deployments with easier permitting, and enabling seamless deployment of energy on demand. The first system, allocated to a leading collocation firm, is currently available for virtual demonstration.

“Natron is extremely delighted with the results of our collaboration with VPS and CE+T to develop this new power platform. Our customers have been asking for a safe, reliable means to inject energy and provision power on-the-fly using our sodium-ion batteries within the white space of their data centers”, said Jack Pouchet, Natron vice president sales. “This power platform creates new operational and business opportunities within the data center and telecom markets and enables peak-power management - significantly reducing utility demand charges improving operating margins.”

“We are building upon our long-standing relationship with Natron and welcome the additional electrical and integration capabilities of CE+T as we introduce this new embodiment of our software-defined power technology along with remote access and management capabilities”, commented Dean Nelson, CEO of VPS. “We are pleased to announce that this system will be available for virtual demonstrations for a limited time in our Toronto lab. We want our customers to be able to experience the capabilities of this power platform from the safety of their home or office.”

The new Software-Defined Power Platform is available today and can be configured for power ratings from 4 to 40kW supporting peak power demands from 5 to 15 minutes. Higher-power configurations up to several hundred kW are available on a custom basis. At these power levels Natron's NFPA855 compliant batteries significantly improve the building fire and safety permitting process while reducing insurance risk exposure.

“CE+T's Sierra integrated rectifier/inverters were a natural fit with Natron's 48V DC native batteries. Our high degree of on-board intelligence along with multi-direction energy flow enabled us to seamlessly integrate with the VPS software and hardware to build this Software-Defined Power platform”, said Mario Barbaresso, CEO CE+T Energy Solutions. “With Natron's batteries we are now able to design and build electrical power systems capable of being cycled

50,000 times or more with no battery maintenance required. This new platform is a game changer for mission critical operations.”

About Natron Energy

Natron Energy manufactures battery products based on a unique Prussian blue chemistry for a wide variety of energy storage applications ranging from critical backup power systems to EV fast charging and behind-the-meter applications. Natron’s batteries are UL 1973 recognized, offer higher power density, faster recharge, and significantly longer cycle life than incumbent technologies. Natron builds its batteries using commodity materials on existing cell manufacturing lines. Natron’s mission is to transform industrial and grid energy storage markets by providing customers with lower cost, longer lasting, more efficient, safer batteries. Natron is backed by leading venture capital investors including ABB Technology Ventures, NanoDimension, Prelude Ventures, Khosla Ventures, and Chevron.

About Virtual Power Systems

Virtual Power Systems (VPS) is transforming how next-generation data centers provision, manage and utilize power capacity with its ground-breaking Software-Defined Power® solutions - Power Bursting, Dynamic Power, Power Capacity Management, and Spot Power. The VPS Intelligent Control of Energy® (ICE) technology platform unlocks stranded power increasing utilization and resiliency by dynamically adjusting power delivery as demand fluctuates across data-center workloads, servers and racks. ICE enables enterprises, colocation, and cloud providers to lower operating costs and realize additional revenue within existing deployments while avoiding millions of dollars in additional capital investments.

About CE+T

CE+T is a leading global power products company formed in 1936 with international facilities in Belgium, China, India, and the USA (Atlanta, Georgia and Austin, Texas). CE+T Power designs, manufactures, and provides turn-key power solutions for datacenters, utilities, and C&I customers.

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Hi-res image here: https://natron.energy/wp-content/uploads/2020/06/VPS_Natron_CET-Setup.jpeg