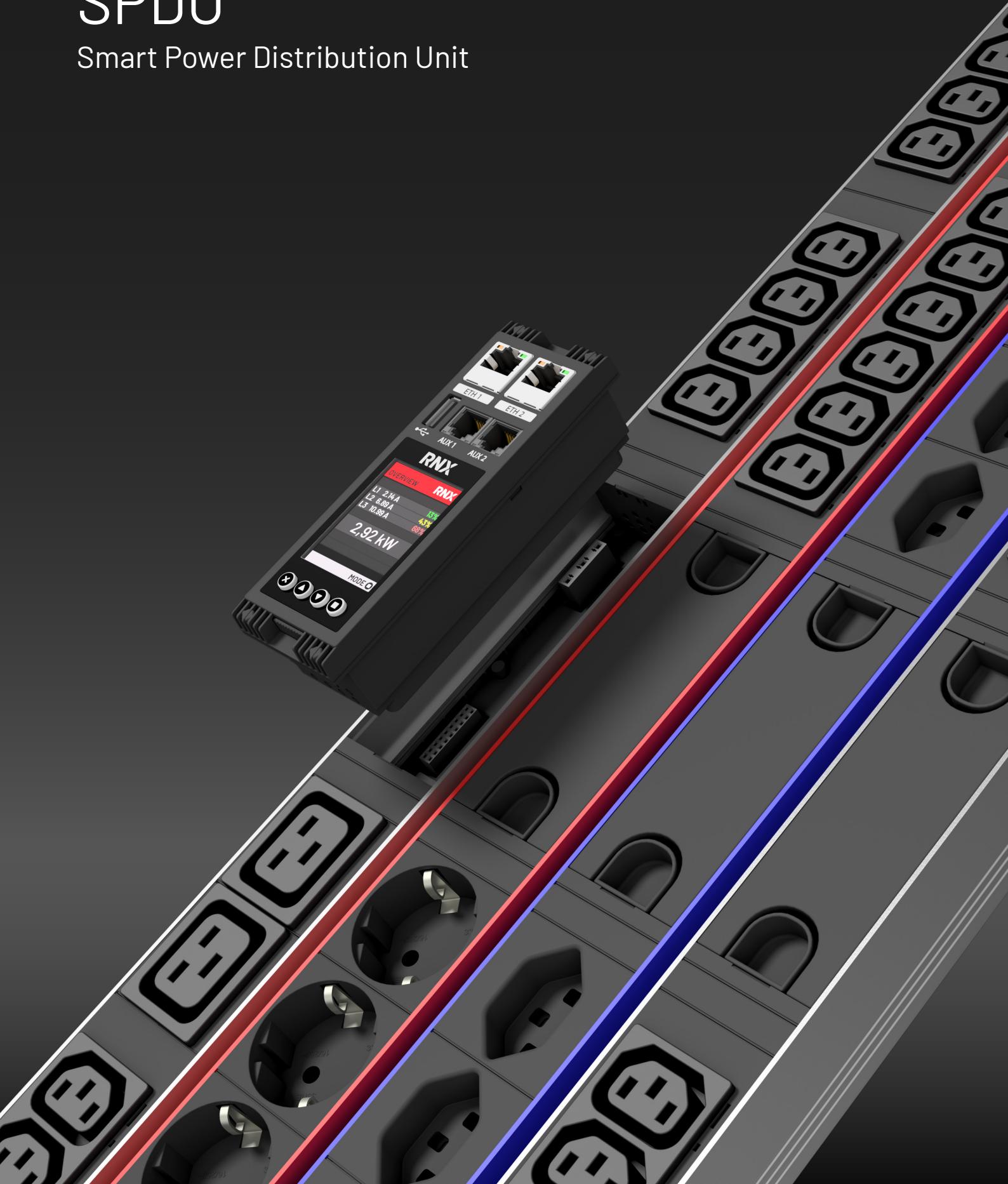


RNX

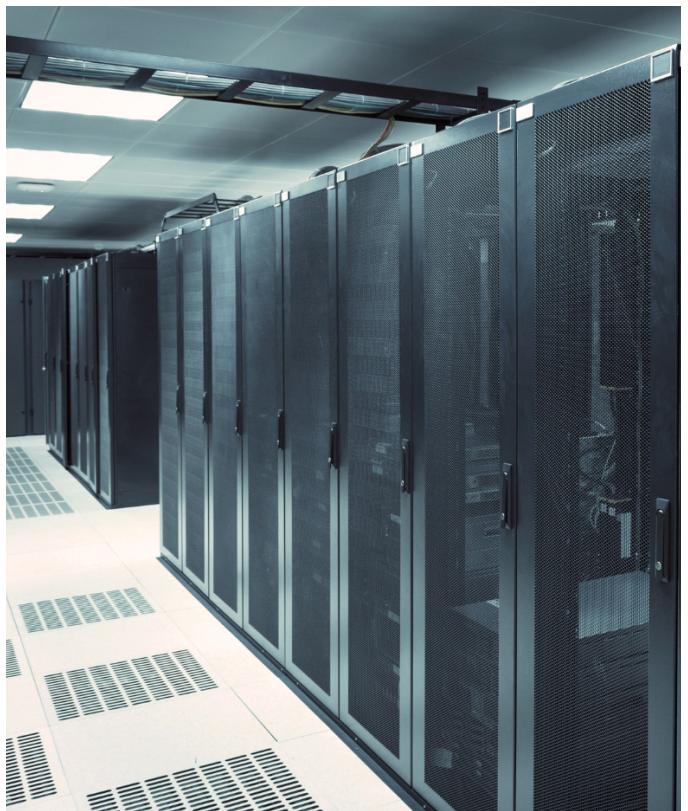
SPDU

Smart Power Distribution Unit



A tradition of engineering excellence

Founded in Fribourg, Switzerland, in 2005, RNX has become the benchmark for reliability, innovation and precision engineering in IT infrastructure. Driven by our commitment to excellence in development, production and service, our mission is simple: to create the world's most reliable and functional Power Distribution Units. From data centres and co-location facilities to corporate offices, telecoms and network closets, RNX PDUs deliver dependable power distribution in every environment.



Power your way

The SPDUs® line of Power Distribution Units delivers reliability, versatility, and value. Featuring flexible configurations and easy upgrades, SPDUs are an ideal choice for users seeking dependable and budget-friendly power distribution.

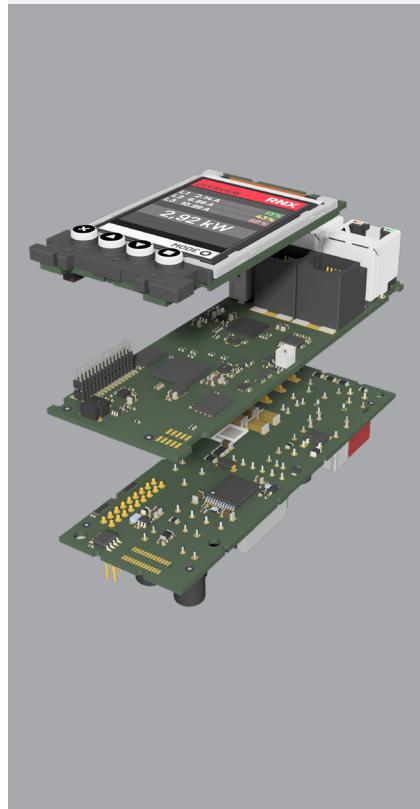
Versatility

With the upgradeable SPDUs Basic+ and a wide selection of regional outlet types on offer, SPDUs deliver adaptable power distribution to support diverse environments.



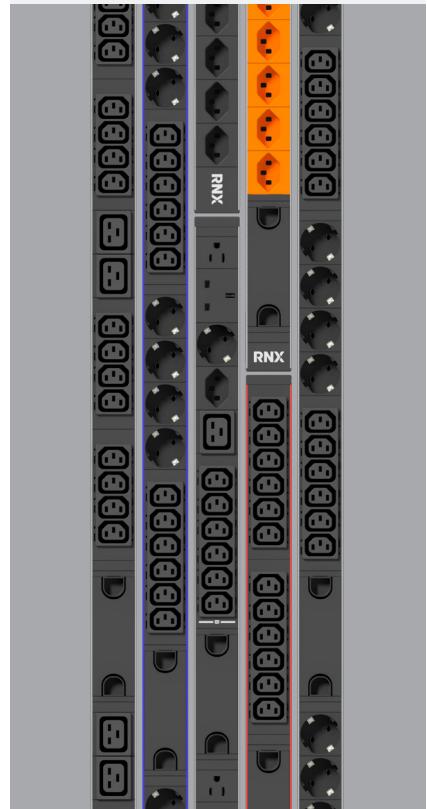
Reliability

Built with durable components and enterprise-grade software, the SPDUs line is subjected to extensive testing to ensure long-term performance.



Best-in-class value

With advanced features and build quality, SPDUs outperforms its price point.



SPDU Basic+

A PDU you can depend on for distributing power to critical equipment at an accessible price, the SPDU Basic+ delivers reliable performance with simplicity in mind. For those who need more control and insight, the SPDU Basic+ can be upgraded to unlock inlet metering and network connectivity.

✓ Flexible outlet configurations

In addition to the IEC C13 and C19 outlets, SPDU Basic+ can accommodate a wide range of country specific outlets such as Schuko, NEMA, T23, UK and more

✓ Vertical and horizontal form factors

Available in vertical and horizontal variants and supporting power capacities from 3.6 kW to 22 kW to fit a wide range of rack and cabinet setups

✓ Exceeding the standard conductor cross-section

Built with conductors sized one level above industry requirements to reduce power losses, maximise uptime and extend service life

✓ Slim aluminum profile

1U (44.5x47.5 mm), designed for high-density installation where space is scarce

✓ Coloured PDUs for easy identification

Available in various options, coloured PDU chassis help simplify maintenance and troubleshooting

✓ TwyLock® locking cable compatible

Avoid risk of accidental disconnections by pairing with TwyLock dual locking cables



Versatility: Basic+ is the new smart

Every SPDU Basic+ has the ability to be upgraded instantly with the addition of the SPDU Controller. No need to modify hardware, configure extra software, or even undo any screws.



How it works

The SPDU Basic+ is built with the hardware to support advanced functions, but these remain dormant until the SPDU Controller is installed. Upgrading is easy. Pinch the release tabs to remove the blind cover and slot in the SPDU Controller. No tools are required—simply snap out the blind cover and snap in the controller. The process takes only seconds and can be done with just one hand. Once connected, the SPDU Controller activates the internal inlet metering circuitry of the SPDU Basic+, enabling real-time monitoring of electrical parameters such as voltage, current, power, and energy consumption at the input source.

The SPDU Controller additionally provides the SPDU Basic+ with network connectivity, allowing remote access and monitoring via standard protocols.

This approach allows the SPDU Basic+ to be deployed initially as a cost-effective, non-networked device, and later upgraded in the field.

SPDU Controller

Simply plug the SPDU Controller into a SPDU Basic+ to enable inlet metering and network connectivity. Hot swappable and equipped with an embedded power supply, the SPDU Controller provides immediate system access for tracking power usage and preventing overloads.

✓ Hot swapability

Ensuring continuous power delivery while enabling quick replacement

✓ Embedded power supply

RNX pioneered the first replaceable controller with an integrated PSU with UPDU. The SPDU Controller advances on this proven concept as the world's first snap-in, hot-swappable controller with an embedded power supply, eliminating a key PDU vulnerability and delivering unmatched serviceability and extended operational life.

✓ Precision metering

1% accuracy energy counters, with measurement values updated every second

✓ High resolution colour display

Auto-orientating 2" colour display to present all metered values

✓ Dual Gigabit Ethernet

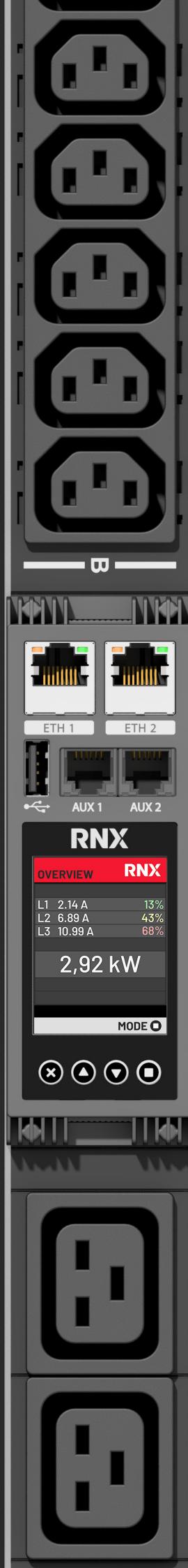
Dual 1GbE interface allows for various network topologies, including unlimited cascading with redundancy (ring)

✓ 2x auxiliary ports

For external sensors and RS232 console access

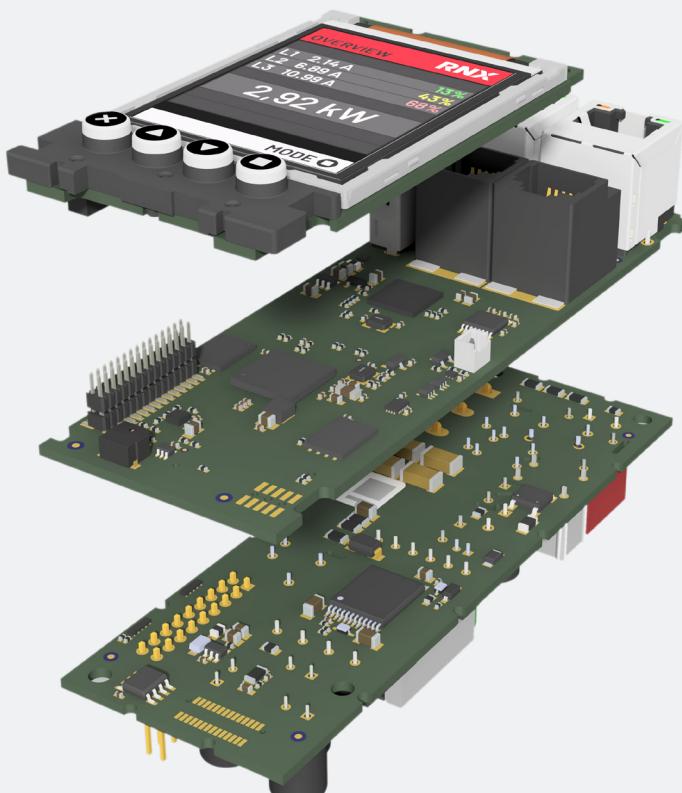
✓ 1x high speed USB A port

Suitable for fast pre-configuration and additional sensors



Reliability: The Stellaris® Platform

Stellaris® is the purpose-built software platform that powers all RNX PDUs, as well as OEM models licensed by RNX. Designed for mission-critical environments, it provides a fast, secure, and always-on foundation for intelligent power management. Built on a reliable real-time operating system (RTOS) and RNX's proprietary bootloader, Stellaris launches to full operation in just three seconds. Its combination of high-speed performance and modern security standards ensures users can operate with confidence, visibility, and control.



User interface

Efficient rendering and optimized data models for intuitive and responsive navigation.

Remote management

Lightweight web-client for real-time telemetry and configuration along with a scriptable CLI for advanced use cases.

Continuous operation

Based on an industrial grade real-time operating system, Stellaris ensures reliable 24/7 performance.

Protocols

SNMP v2/v3, REST API, Modbus/TCP (including Security) for DCIM/BMS integration; LDAP, RADIUS, TACACS+ for remote authentication; SSH, HTTPS for secure access.

Security

Regular software updates, only known secure cryptographic algorithms included, secure boot, fine grained access control.

Let's stay connected

Contact EMEA

RNX Ltd
Passage du Cardinal 5
1700 Fribourg
Switzerland
Phone: +41 26 505 50 00

Manufacturing and Warehouse

RNX Ltd
Birchstrasse 17
3186 Duedingen (FR)
Switzerland

www.rnx.com