



Press Release

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Schroff Max50 Series power supply units

Update: Higher efficiency and larger temperature range

STRAUBENHARDT – Pentair is updating and streamlining its Schroff power supply portfolio. Various series of AC power supply products are being combined into the MaxpowerPro product family. The first devices in the new Maxpower supply unit series feature 180 W of output and are currently available. The power supply units from the former SEK series have been redesigned and are now available under the name Max50. The update improved various unit features while simultaneously reducing overall cost. These 19-inch plug-in power supply units feature an output of 50 W and voltages of 5, 12, 15, 24 or 48 V and are used in a wide variety of industrial applications.

The Max50 power supplies are based on state-of-the-art technology and are very compact, featuring a size of 3 U, 6 HP and a depth of 160 mm. Redesigning the units increased the efficiency to as much as 88 percent while simultaneously reducing power loss by up to 50 percent. In addition, the temperature range for using the power supply units has been expanded to a range of -25 °C to +50 °C. The load-dependent UI characteristic curve allows for a passive current share for parallel and redundancy operation. The Max50 power supply components also no longer require a minimum load. Delivery of the new power supply units now includes an assembled front panel with EMC textile gasket for temperatures up to 85 °C. Despite these improvements to the unit features, the overall unit cost has been reduced, resulting in lower market pricing. The input voltage range of the new Max50 power supply units is 90 VAC to 253 VAC. The maximum power consumption in standby mode is less than 1.5 W.

The full product line in this series will soon be complete through the addition of power supply units with 100 W of power output.

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Image caption: Max50 power supply units - higher performance, lower price

Pentair Contacts: <https://schroff.pentair.com/de/schroff/19-power-supply>

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Pentair Electrical is a leading global supplier of systems and solutions that safeguard industrial controls, electrical components, communications hardware, electronic devices, and electrical cooling systems. Its premier brands CADDY, ERICO, Hoffman, LENTON, Raychem, Schroff, and Tracer provide a comprehensive range of standard, modified, and custom-engineered solutions for energy, industrial, infrastructure, commercial, communications, medical, security, and defense applications

The Schroff brand offers an extensive portfolio of accessories for protecting printed circuit boards, such as card retainers, conduction-cooled board supports, front panels and handles, subracks, cases, backplanes, power supplies, cabinets and pre-assembled chassis for embedded computing systems as well as hardware management systems. For further information please visit <https://schroff.pentair.de>

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