

Press Release

SPPM SERIES: HIGH PERFORMANCE AND COMPACT DIMENSIONS FOR PANEL MOUNTING ENCLOSED POWER SUPPLIES

High efficiency and compact design.

Lainate, June 2026 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture, and marketing of electronic equipment, today announces the launch of the new SPPM series, a range of compact enclosed power supplies designed for electrical panels with limited space.

The SPPM series includes 12 power ratings, starting from 25 W (90.8 mm height, 51 mm width, 28.8 mm depth) up to 800 W (226 mm height, 116.5 mm width, 40.7 mm depth). Thanks to its optimized housing design, the SPPM series enables panel space savings of up to 25% and weight reduction of up to 17%, making it ideal for space-constrained applications.

The high quality of SPPM power supplies is ensured by compliance with major international standards, including CE and UL 62368 or UL 60950, depending on the model.

The SPPM series is particularly suited for applications requiring high efficiency and a wide operating temperature range. These power supplies deliver efficiency levels of up to 91% and operate reliably in temperatures ranging from -30°C to +70°C (-22°F to +158°F).

Integrated diagnostic and protection features—including Over Current (OCP), Over Voltage (OVP), Short Circuit (SCP), and Over Temperature (OTP)—ensure maximum output protection, even under abnormal operating conditions.

“The SPPM series is the evolution of our current SPPC models, enhancing overall performance and reliability across our enclosed power supply range,” says Matteo Pincioli, International Product Specialist. “With this launch, we aim to strengthen Carlo Gavazzi’s portfolio with one of the most compact enclosed power supply solutions available on the market.”

Main technical features

- **Universal input voltage range:**
AC Voltage (88/90 VAC to 264 VAC)
DC Voltage (120/130 VDC to 250/370 VDC)
- **Output voltage** range 12 VDC, 24 VDC or 48 VDC
- **Output power** range from 25 up to 800 W
- **Ultra compact dimensions (h x w x d)**
25 W (90.8 x 51 x 28.8 mm) / 35 W (101.6 x 63.5 x 33 mm)
50 W (99 x 82 x 30 mm) / 75 W (99.7 x 97 x 30 mm)
100 W (129 x 98.3 x 37.6 mm) / 150 W (159 x 97 x 30 mm)
200/350 W (190 x 99 x 30 mm) / 240 W (199 x 99 x 50 mm)
480 W (226 x 116.5 x 41 mm) / 600 W (218 x 116.5 x 40.7 mm)
800 W (226 x 116.5 x 40.7 mm)
- **Integrated protection:** short circuit, over current, over voltage, over temperature (150 / 200 / 350 / 480 / 600 / 800 W)
- **Isolation** voltage up to 4KVAC
- **Overvoltage category II**
- **Wide operating temperature** range (-30°C to +70°C / -22°F to 158°F)
- **Green LED** for status indication
- **CE, UL62368 or UL60950**

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi is an international group engaged in the design, manufacturing, and marketing of electronic control components for the global building and industrial automation markets.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 23 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its factories in Italy, Mexico, Lithuania, Malta, and China.

For further information:

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