

Press Release

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

High efficiency and compact design.

Lainate, March 2024 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new SPPE series, compact enclosed power supplies designed for electrical panels with limited space.

The SPPE series consists of 6 housings for 7 power ranges, starting from the 25 W model (55x25x80(H) mm) to the maximum 350 W model (106x30x179(H) mm). SPPE's compact housing design saves up to 42% panel space and up to 55% in weight, making it ideal for space-limited applications.

The high quality of the SPPE power supplies is certified by a series of industry approvals: CE, UKCA, UL 62368.

The SPPE series is extremely suitable for applications where high efficiency and wide operating temperature exist. These power supplies assure high operating efficiency up to 91.5%, and wide operating temperature range from -40°C to +85°C (-40°F to +185°F) except 25 W models that promise -30°C to +70°C (-22°F to +158°F).

Integrated diagnostics and protection functions, such as Over Current (OVC), Over Voltage (OVP), Short Circuit (SCP) and Over Temperature (OVT) provide maximum Output protection even under abnormal conditions.

"The SPPE series is the perfect alternative to our current SPPC models, to improve the overall performance and reliability of the enclosed products range. This new series fully satisfies customer requests for advanced features in a compact housing," Matteo Pinciroli, International Product Specialist, says. "With this launch it is our intention to strengthen Carlo Gavazzi's product offerings with one of the most compact enclosed power supplies on the market."

Main technical features

- Universal input voltage range:
 - 25W: 85 VAC - 305 VAC or 100 VDC - 430 VDC
 - 35..150W: 80 VAC - 305 VAC or 100 VDC - 430 VDC
 - 200-350W: 90 VAC -132 VAC/180 VAC - 264 VDC or 240 VDC - 370 VDC
- Output voltage range 12 VDC or 24 VDC
- Output power range from 25 up to 350 W
- Integrated protection: short circuit, over current, over voltage, and over temperature (from 150 W)
- Isolation voltage up to 4KVAC
- Overvoltage category III
- Ultra compact dimensions:
 - 25 W: 80x55x25 mm
 - 35-50W: 99x65x30 mm
 - 75 W: 92.5x82x30 mm
 - 150 W: 92.5x97x30 mm
 - 200 W: 122.5x97x30 mm
 - 350 W: 179x106x30 mm
- Wide operating temperature range (-40°C to +85°C / -40°F to 185°F)
- Green LED for status indication
- CE, UKCA, UL 62368

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

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 production sites in Denmark, Italy, Malta, Lithuania and China.

For further information:

Carlo Gavazzi Automation SpA - Via Milano 13 – 20045 Lainate (MI) - Italy
Marketing and Communication - info@gavazziautomation.com - www.gavazziautomation.com