



Switching Power Supplies from 5W up to 960W

Controls

SPD, SPM, SPPC

Switching power supplies

Carlo Gavazzi provides one of the most complete ranges of power supplies for the automation industry. Most features that other manufacturers provide as options are included as standard features throughout our product range. The selection of the required power supply is very simple; you only have to choose the output voltage and the output power. If you require Power Factor Correction, parallel connection, or output relay, most SPD models include these as standard features. Power supplies are also available with three-phase inputs specifically tailored for the automation industry. The input is three-phase 400-500VAC, but they can also be powered by 380-575VAC singlephase input voltage. The SPP enclosed switching power supply meets your needs for AC/DC and DC/DC power requirements.



High efficiency

The power supply's typical efficiency is very high, up to 93%.

Universal input

On all the models the rated input voltage is automatically selected by the power supply. They can also be powered by DC voltage. On the three-phase models the input voltage can be provided by either three-phase or even just 2-phase.

Adjustable output

Most of the DIN rail models are provided with a front potentiometer in order to adjust the output voltage, generally within a range of $\pm 10\%$ of the rated voltage.

"Bi-phase" input

A 100W power supply is available with high-voltage singlephase input. The SPDxx1002 can be powered with 380~575VAC input.

Power factor correction

PFC function is standard for all SPDs from 90W to 960W, and all SPPCs from 150W to 800W.

Parallel

Most of the power supplies can be connected in parallel with one identical unit in order to double the power. Some models can be connected up to 3 units.

Visual and electrical indications

Most of the models are equipped with double LED indication: one for output voltage and one for power ready. They are also equipped, on 24VDC output, with a voltagefree contact relay output providing a signal of power ready.

Approvals and warranty

All power supplies are approved according to the related European and North American safety standards.

All models feature a two year warranty.

