

GATE

Power Supplies built-in a Metal Case with Output Power 25W or 40W

Power supplies are built into a metal case with input AC switch and input/output screw terminals. A wide assortment of power supplies with single, dual and triple outputs with the total output power 25W and 40W is available.

Specification:

- input voltage range: 90VAC to 264VAC / 50Hz to 60Hz
 or: 120V DC to 370V DC

- outputs:

TYPE:	Output Voltage / Output Current
GATE25S05	5V/5A
GATE25S12	12V/2A
GATE25S15	15V/1.6A
GATE25S24	24V/1A
GATE25S48	48V/0.5A
GATE25M08	+5.1V/2A, +12V/1.5A, -12V/0.2A
GATE25M28	+5.1V/2A, +12V/0.2A, -12V/0.2A
GATE25M07	+5.1V/2A, +12V/1.5A, -5V/0.2A
GATE25M10	+5.1V/2A, +15V/1.5A, -15V/0.2A
GATE25M29	+5.1V/2A, +12V/1.5A
GATE40S12	12V/3.3A
GATE40S15	15V/2.6A
GATE40S24	24V/1.6A
GATE40S48	48V/0.8A
GATE40M08	+5.1V/3A, +12V/2A, -12V/0.35A
GATE40M28	+5.1V/3A, +12V/0.35A, -12V/0.35A
GATE40M07	+5.1V/3A, +12V/2A, -5V/0.35A
GATE40M10	+5.1V/3A, +15V/1.5A, -15V/0.35A
GATE40M29	+5.1V/3A, +12V/2A

- output power: GATE25S, GATE25M: **25W**
 GATE40S, GATE40M: **40W**

- output voltage stability (*):

±3% for single output models and for output +5.1V of multi output models

±5% for auxiliary outputs of all multi output models

(*) stability includes initial tolerance and line voltage as well as load currents within stated limits

- output short circuit protection
- output overvoltage protection (5V or 5.1V main outputs only)
- green LED indication of the presence of the output voltage
- input AC switch
- Safety: SELV power supplies in accordance with EN 60950 standard (Protection Class I)
- isolation voltage:
 - input/output: 3000V AC
 - input/chassis: 1500V AC
- EMI/RFI: EN 55022, level B (level A for –L version)
- natural convection cooling
- operating ambient temperature range: 0 °C to +40 °C
- cover:
 - dimensions: 202 mm x 142 mm x 62 mm (7.95" x 5.59" x 2.44")
 - material: steely sheet metal (thickness 0.8 mm / 0.03")
 - surface arrangement : powdery varnished
 - color: black
- weight: 0.85 kg (1.87 lbs)
- screw input and output terminals (inside the cover)
- fitting for fastening on the vertical wall or horizontal underlay

Application:

Power supplies of the GATE Series are designed for fitting on a vertical wall or a horizontal underlay, especially if fixed connection of input and output is require (for example in security systems). A wide assortment of single and multiple output power supplies and wide choice of output voltages with output power 25W and 40W is available (see also the more detailed data sheets of the power supplies of NAL25, NAN25, NAL40 a NAN40 Series in ARTESYN TECHNOLOGIES Catalogue).

Also the GATE models based on NLP65 Series with the output power in the range from **65W to 75W** are available as an option in the same cover (see also the data sheet of NLP65 Series power supplies in ARTESYN TECHNOLOGIES Catalogue).

Drawing:

(all dimensions in mm)

