



Warsaw

GENERAL SPECIFICATION

POWER SUPPLY 12VDC

PS-3

version MW1

PURPOSE

Switching power supply type PS-3 is used for supply elements of detection systems made by GAZEX powered 12VDC (all units marked with letter "A" in the symbolic description).

FEATURES

- 12VDC stabilized voltage
- short-circuit protection
- built-in battery back-up supply
- battery load control with overload and discharge protection
- LED indicators: mains and output voltage
- relay outputs – no power (no mains), low battery

ELEMENTS

Front view



Gland

Control LEDs

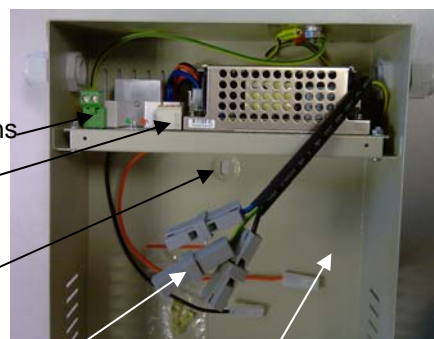
12VDC Output pins

Relays pins

Mounting hole

230VAC Mains connectors

View without front cover



Battery space

TECHNICAL SPECIFICATION

MODEL	PS-3 vMW1
Supply voltage	230VAC (90 ÷ 264V), 50Hz
Power consumption	max 72W
Operating temperature	+5°C ... +35°C recommended (battery requirements) -15°C ... +50°C allowable periodically (<1h/24h)
Humidity	30% ... 90% RH (no condensing)
Output voltage	12VDC (+0,8/-0,2 V) (mains operated); 12,8 ÷ 10,5VDC (-0,5V) (battery operated)
load:	max 2,9A – continuously; max 4,2A – temp. (<10min/8h)
Battery	12V Lead-Acid type, maintenance free (not included), min 3Ah, max 20Ah
Protection systems	self-restoring output protection fuse, 230VAC protected by slow-blow fuse, battery charge circuit (max 1,5A), battery discharge protection (min 10,5V)
Optical indicators	LED (green) „DC” – 12VDC output LED (red) „AC” - 230VAC input (mains)
Outputs	„AC OK” (no mains); „LOW BAT” (no 12VDC); dry-contact NC outputs (<1A, 24VDC)
Dimensions, weight	260 x 260 x 90 mm, W x H x D; 1.6kg (without battery)
Housing	steel, painted; IP30; 3-hole fittings
Guarantee	12 months Standard Gazex Guarantee (SGG); possibility to extend to 36 months – after product registration procedure (RGG3Y)

PRODUCER:

GAZEX



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