

# PSC series power supply

## Power supply 13,8 V DC, IP67



CODE: **PSC13008** v1.1/X  
 TYPE: **PSC 13,8V/0,8A/55MM Power supply**

EN

### Features of the power supply:

- power output 0,8 A/13,8 V DC\*
- universal input voltage range ~100-240 V
- high efficiency 77%
- standby power <0,3 W
- efficiency level: V
- IP67 case
- protections:
  - SCP short-circuit protection
  - overvoltage protection (AC input)
  - overload (OLP)
- warranty – 2 year from the production date



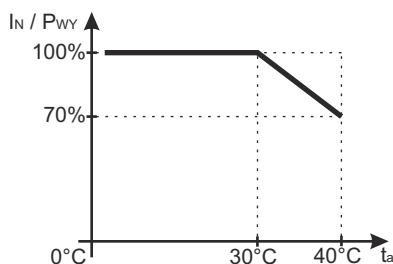
### DESCRIPTION

Stabilized DC power supply is intended for supply CCTV cameras that require stabilised voltage of **13,8 V DC**. The unit is protected against short-circuit and overload.

### TECHNICAL DATA

Supply voltage	~100-240 V; 50/60 Hz
Current consumption	0,15 A
Supply power	11 W max.
Efficiency	77%
Output voltage	13,8 V DC
<b>Output current <math>t_{AMB}&lt;30^{\circ}C</math></b>	<b>0,8 A instantaneous current - refer to graph 1.</b>
<b>Output current <math>t_{AMB}=40^{\circ}C</math></b>	<b>0,5 A - refer to graph 1.</b>
Ripple voltage	100 mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	105-150% of power supply, automatic recovery
Overvoltage protection	varistor (AC input)
IP protection class	IP67
Operation conditions	temperature $0^{\circ}C+40^{\circ}C$ relative humidity 20%...90%
Dimensions (LxWxH)	50 x 48 x 25 [mm]
Net/gross weight	0,106 /0,122 [kg]
Protection class PN-EN 60950-1:2007	II (second)
Length of DC cable	0,3 m
Length of AC cable	0,3 m
Storage temperature	-20°C...+60°C

\* In order to extend the life of the power supply, the load current of 0,5 A is recommended.



Graph 1.  
Relation between output current and ambient temperature (instantaneous load).

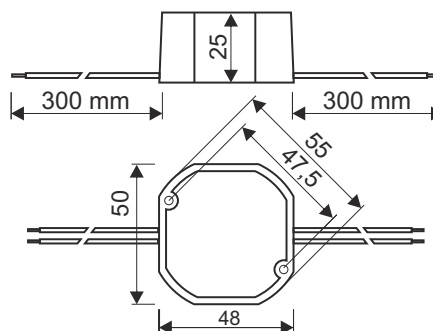
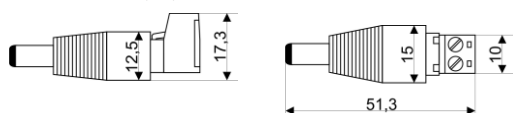


Fig.1 Dimension of power supply.

### ACCESORIES

ACCESORIES:  
 [1] adapter CABLE - PLUG DC 5,5/2,1 - code ML109



For power supplies are available accessories - fuse blocks and cable adapter. For details –visit [www.pulsar.pl](http://www.pulsar.pl).

\* Refer to graph 1