# PSD series power supply
## Desktop type power supply 52 V DC

**Pulsar** ®

CODE: **PSD520230** v1.0/III                                    **EN**
TYPE:   **PSD 52V/2,3A Desktop type power supply for CCTV**

### Features of the power supply:

- power output 2,3 A/52 V DC*
- universal input voltage range ~100-240
- high efficiency 92%
- LED optical signalisation
- standby power <0,2 W

- efficiency level: VI
- protections:
    - SCP short-circuit protection
    - overvoltage protection (AC input)
    - overload (OLP)
- warranty – 2 year from the production date

CE

### DESCRIPTION

The power supply is intended for supply cameras that require stabilised voltage of **52 V DC**. The unit has a cable with a DC5.5/2.1 plug. The power supply unit is protected against short-circuit, overload and overvoltage.

### TECHNICAL PARAMETERS

| | |
|---|---|
| Supply voltage | ~100-240 V; 50/60 Hz |
| Current consumption | 1,5-0,6 A |
| Supply power | 120W max. |
| Efficiency | 92% |
| Output voltage | >0,95 |
| **Output current $t_{AMB}$<30°C** | **2,3 A - refer to graph 1.** |
| **Output current $t_{AMB}$=40°C** | **1,6 A - refer to graph 1.** |
| Ripple voltage | 250mV p-p max. |
| Short-circuit protection SCP | electronic, automatic recovery |
| Overload protection OLP | 150-200% of power supply, automatic recovery |
| Optical signalisation | LED – presence of DC voltage |
| Operation conditions | temperature -10 $^{o}$C÷40 $^{o}$C relative humidity 20%...90%, without condensation |
| Dimensions (LxWxH) | 162 x 62 x 34 [mm] |
| Net/gross weight | 0,68kg/0,75kg |
| Protection class PN-EN 60950-1:2007 | II (second) |
| Lenght of DC cable | 1,5m + plug DC5,5/2,1 female |
| Lenght of AC cable | 1,5m + mains plug |
| Storage temperature | -20ºC...+60ºC |
| Declaration, warranty | CE, 2 year from the production date |

\* In order to extend the life of the power supply, the load current of 1,6 A is recommended.
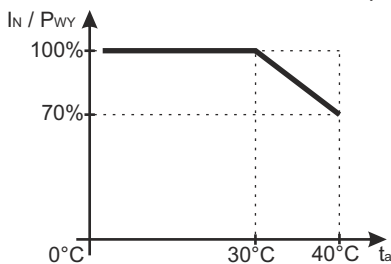


Graph 1.
Relation between output current and ambient temperature (instantaneous load).
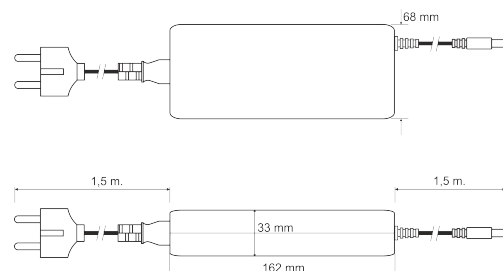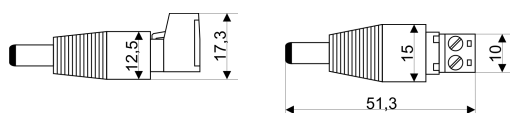


Fig.1. Dimension of power supply.

### 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.

\* Refer to graph 1