

PSD series power supply

Desktop type power supply 52V DC



CODE: **PSD520175** v1.0/I
 TYPE: **PSD 52V/1,75A Desktop type power supply for CCTV**

EN

Features of the power supply:

- power output 1,75 A/52 V DC*
- universal input voltage range ~100-240 V
- high efficiency 92%
- 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



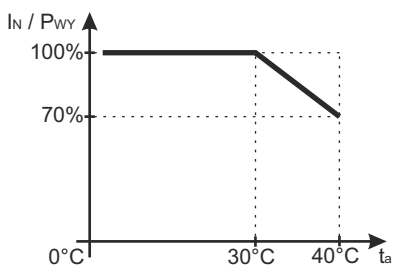
DESCRIPTION

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	2-1 A
Supply power	90 W max.
Efficiency	92 %
Output voltage	52 V DC
Output current $t_{AMB}<30^{\circ}C$	1,75 A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	1,2 A - refer to graph 1.
Ripple voltage	150 mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	150-200% of power supply, automatic recovery
Operation conditions	temperature $-10^{\circ}C \div +40^{\circ}C$ relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	132 (150) x 61 x 32 [mm]
Net/gross weight	0,37kg / 0,40kg
Protection class PN-EN 60950-1:2007	II (second)
Length of DC cable	1,2m + plug DC5,5/2,1 female
Length of AC cable	1,5m + mains plug
Storage temperature	$-20^{\circ}C \dots +60^{\circ}C$
Declaration, warranty	CE, 2 year from the production date

* In order to extend the life of the power supply, the load current of 1,2 A is recommended.



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

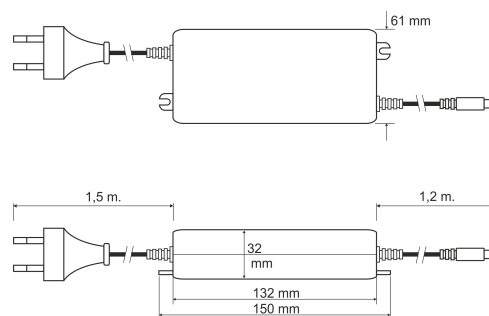
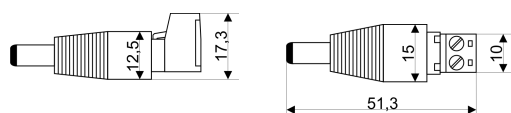


Fig. 1. Dimension of power supply.

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