

CODE: **PSD520460** v1.0/I
NAME: **PSD 52V/4,6A Desktop type power supply for CCTV**

EN

Features of the power supply:

- power output 4,6 A/52 V DC*
- universal input voltage range ~100 – 240
- Built-in power factor correction (PFC)
- high efficiency (to 93%)
- LED optical signalisation
- standby power <0,2 W
- efficiency level: VI
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)
- warranty – 2 years



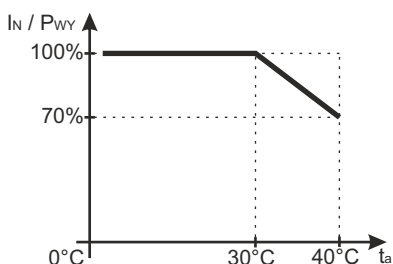
DESCRIPTION

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	2,9 A
Supply power	240W max.
Efficiency (average)	93%
Efficiency (10% load)	90%
Power factor PF	>0,95
Output voltage	52 V DC
Output current $t_{AMB}<30^{\circ}C$	4,6 A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	3,2 A - refer to graph 1.
Ripple voltage	250mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	110-150% of power supply, automatic recovery
Optical signalisation	LED – presence of DC voltage
Operation conditions	Temperature: $-10^{\circ}C$ – $+40^{\circ}C$ relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	178 x 81 x 33 [mm]
Net/gross weight	0,68 / 0,75 [kg]
Protection class EN 62368-1	II (second)
Length of DC cable	1,5m + plug DC5,5/2,1 female
Length of AC cable	1,5m + mains plug
Storage temperature	$-20^{\circ}C$... $+60^{\circ}C$
Declaration, warranty	CE, 2 years

* In order to extend the life of the power supply, the load current of 3,2 A is recommended.



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

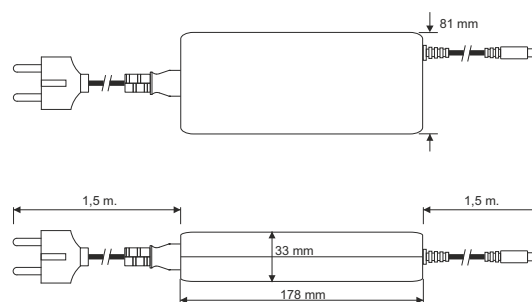
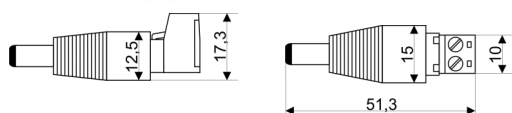


Fig.1. Dimension of power supply.

ACCESORIES

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



* Refer to graph 1

For power supplies are available accessories - fuse blocks and cable adapter. For details –visit www.pulsar.pl.