

PSA series power supply

Plug-in type power supply for CCTV



CODE: **PSA12030** v1.0/l
 TYPE: **PSA 12V/3A Plug-in type power supply for CCTV**

EN

Features of the power supply:

- power output 3 A/12 V DC
- universal AC input voltage range ~ 100 – 240 V
- high efficiency 88%
- standby power <0,1 W
- efficiency level: VI
- protections:
 - SCP short-circuit protection
 - overvoltage protection (AC input)
 - overload (OLP)
 - warranty – 2 year from the production date

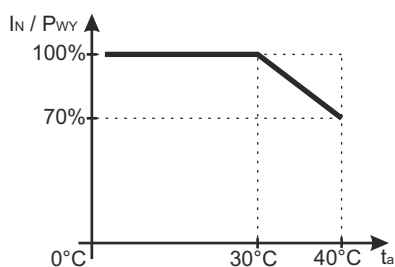


DESCRIPTION

Stabilized DC power supply is intended for supply CCTV cameras that require stabilised voltage of 12 V DC. The unit is protected against short-circuit and overload.

TECHNICAL DATA

Supply voltage	~ 100 – 240 V; 50/60 Hz
Current consumption	0,8 A
Supply power	36 W max.
Efficiency	88%
Output voltage	12 V DC
Output current $t_{AMB}=30^{\circ}C$	3 A - refer to graph 1.
Output current $t_{AMB}=40^{\circ}C$	2,1 A - refer to graph 1.
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	105-150% of power supply, automatic recovery
Operation conditions	temperature $-10^{\circ}C \div 40^{\circ}C$ relative humidity 20%...90%, without condensation
Dimensions (LxWxH)	78 x 36 x 85 [mm]
Net/gross weight	0,18 / 0,22 [kg]
Protection class PN-EN 60950-1:2007	II (second)
Length of DC cable	1,45m + plug DC5,5/2,1 female
Storage temperature	$-20^{\circ}C \dots +60^{\circ}C$



Graph 1. Relation between output current and ambient temperature.

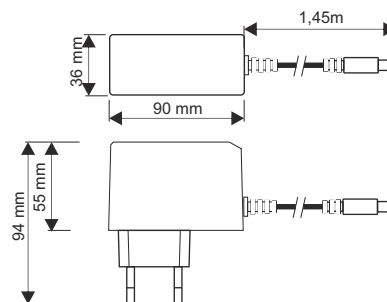
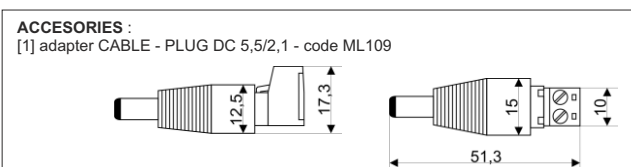


Fig.1 Dimension of power supply.

ACCESSORIES



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