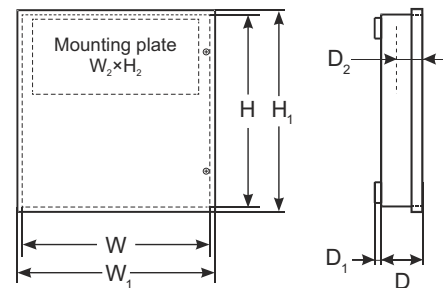


CODE: **SWS-60** v.1.0/1  
 NAME: **Power supply system for PoE switches, 52VDC/60W**

EN



**Features:**

- Supply voltage ~200 - 240 V
- High efficiency (91%)
- Metal enclosure – color white RAL9003
- Removable universal mounting plate
- Protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - antisabotage protection: unwanted enclosure opening
- Warranty – 2 years from production date

**General description**

SWS-60 is designed for uninterrupted power supply of PoE switches with 52 V DC. It was designed based on high energy efficiency switching power supply module placed in metal enclosure (color RAL 9003). Enclosure is equipped with a tamper switch signaling opening the door (front panel). Device is equipped with removable universal mounting plate, which allows to mount PoE switches with dimensions up to 200x110x50 (WxHxD) [mm]. For example Pulsar's models: **S64, SG64, SFG64, SFG64F1, S108, SG108**.

## TECHNICAL DATA

<b>Power supply</b>	~ 200 – 240 V; 0,7 A; 50/60 Hz
<b>Inrush current</b>	40 A
<b>Efficiency</b>	87%
<b>PoE supply</b>	52 V DC; 60 W
<b>Voltage adjustment range</b>	48 V – 53 V DC
<b>Ripple voltage</b>	100 mV p-p max.
<b>Short circuit protection (SCP)</b>	electronic, automatic recovery
<b>Overload protection (OLP)</b>	105 – 150% of power supply, automatic recovery
<b>Surge protection</b>	varistors
<b>Over voltage protection (OVP)</b>	> 60 V (activation requires disconnecting the load or supply for about approx. 1 min..)
<b>Connectors</b>	Power input: $\Phi$ 0,63-2,50 (AWG 22-10) PoE power supply output: DC plug 2.1/5.5
<b>Operating conditions</b>	Temperature -10°C ÷ 40°C, Relative humidity 5%-90% without condensation
<b>Protection class EN 62368-1</b>	I (first)
<b>Degree of Protection EN 60529</b>	IP20
<b>Operating temperature</b>	-10°C...+40°C
<b>Storage temperature</b>	-20°C...+60°C
<b>Vibrations and impulse waves during transport</b>	Wg PN-83/T-42106
<b>Dimensions</b>	W=230, H=300, D+D <sub>1</sub> =82+8 [+/- 2mm] W <sub>1</sub> =235, H <sub>1</sub> =305 [+/- 2mm] W <sub>2</sub> =200, H <sub>2</sub> =110, D <sub>2</sub> =50 [+/- 2mm]
<b>Enclosure</b>	Steel sheet, DC01 0,7mm color RAL 9003
<b>Closing</b>	Cheese head screw x 2 (at the front, lock assembly possible)
<b>Notes</b>	Enclosure does not adjoin assembly surface so that cables can be led.
<b>Additional equipment</b>	Mounting screws (x4)
<b>Net / gross weight</b>	1,93 / 2,03 [kg]
<b>Declarations, warranty</b>	CE, 2 years from the production date

**Sample assembly:**

