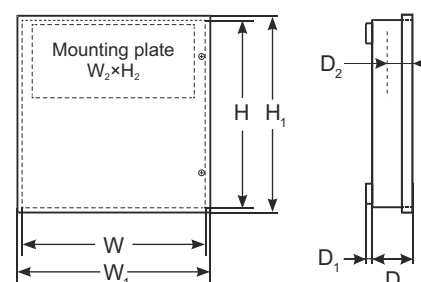
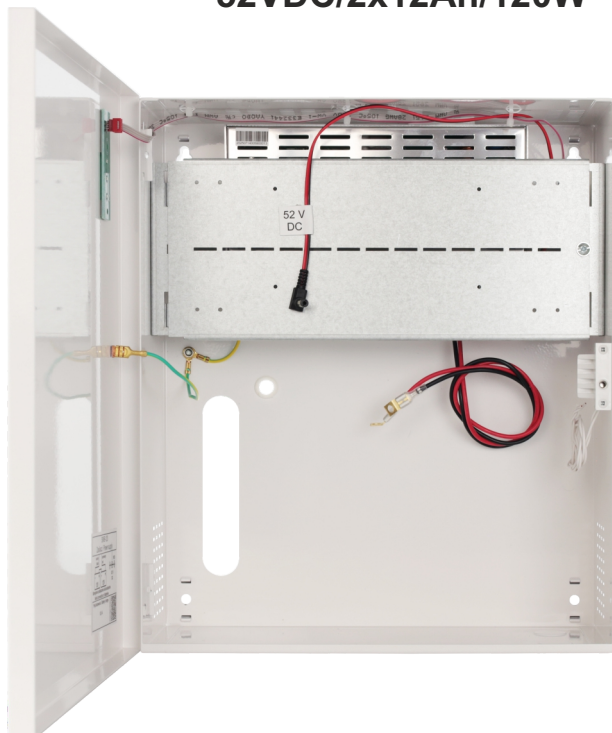


CODE: **SWB-120** v.2.0/III
 NAME: **Buffer power supply system for PoE switches, 52VDC/2x12Ah/120W**

EN



Features:

- Supply voltage ~200 – 240 V
- High efficiency (87%)
- Battery charging and maintenance control
- Built-in DC/DC converter allows reduce installation costs and stabilise output voltage regardless of battery charge status
- Deep discharge battery protection
- Battery charging current: 0,5 A
- Place for 2x12Ah/12V (SLA) battery
- Metal enclosure - color white RAL9003
- Removable universal mounting plate
- START function of manual switch to battery power
- Optical indication
- Protections:
 - SCP short circuit protection
 - OLP overload protection
 - OVP overvoltage protection
 - surge protection
 - antisabotage protection: unwanted enclosure opening
 - against reverse polarity connection
- Warranty: 2 years

General description

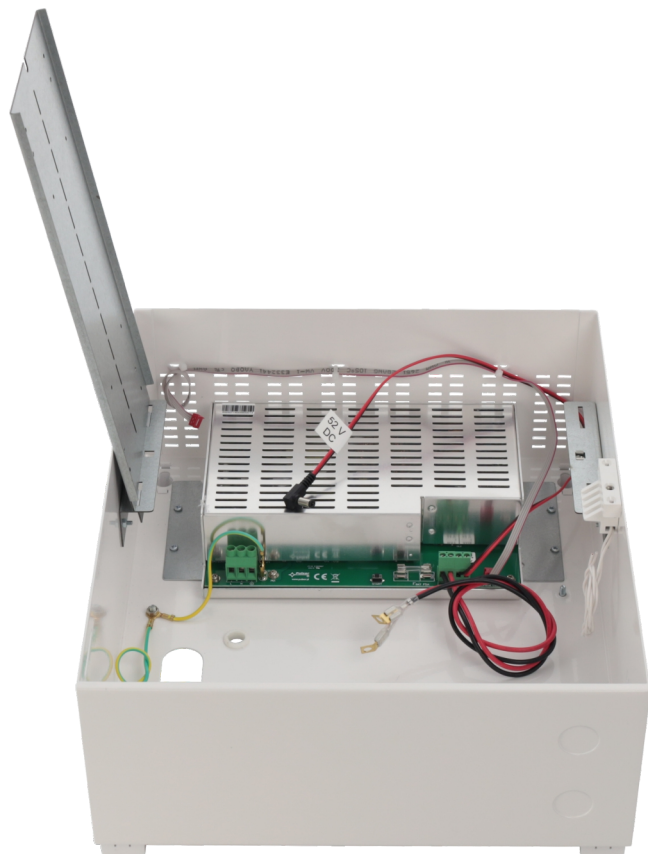
Buffer power supply system for PoE switches, SWB-120 is designed for uninterrupted power supply of PoE switches with 52 V DC. It was designed based on switching power supply module with built-in DC/DC converter with high energy efficiency, placed in metal enclosure (color RAL 9003). DC / DC converter used to increase voltage allows to reduce costs of system by limiting batteries to 1 pc. Enclosure has a place for 2x12Ah/12 V (SLA) battery and is equipped with a tamper switch signaling opening door (front panel). Device is equipped with removable universal mounting plate (tilting), which allows to mount PoE switches with dimensions up to 250x180x45 (WxHxD) [mm]. For example Pulsar's models: **S64, SG64, SFG64, SFG64F1, S108, SG108, SFG108** *.

* only if the lock is not used.

TECHNICAL DATA

Power supply	~ 200 – 240 V; 1,3 A; 50/60 Hz
Inrush current	50 A
Efficiency	87%
PoE supply	52 V DC; 120 W
Ripple voltage	100 mV p-p max.
Battery charging voltage	22 – 27,6 V DC
Battery charging current	0,5 A
Battery circuit protection SCP and reverse polarity connection	glass fuse F _{BAT} : F5A/250V
Deep discharge battery protection UVP	U<19 V (± 5%) - disconnection of battery circuit
Overload protection (OLP)	105 – 150% of power supply, automatic recovery
Surge protection	varistors
Current consumption by PSU during battery-assisted operation	about 30 mA
LED optical indication output	LED AC - presence of AC voltage LED DC - presence of DC voltage in output of PSU LED CHARGE - battery charging process
Connectors	Power input: Ø0,63-2,50 (AWG 22-10) PoE power supply output: DC plug 2.1/5.5 BAT output: battery wires Ø6 (M6-1,5) 45cm
Operating conditions	Temperature: -10°C – +40°C relative humidity 20%...90%, without condensation
Protection class EN 62368-1	I (first)
Degree of Protection EN 60529	IP20
Vibrations and impulse waves during transport	According to PN-83/T-42106
Dimensions	W=300, H=350, D+D ₁ =122+14 [+/- 2mm] W ₁ =305, H ₁ =354 [+/- 2mm] W ₂ =250, H ₂ =180, D ₂ =45 [+/- 2mm]
Enclosure	Steel sheet, DC01 1,0mm color RAL 9003
Closing	Cheese head screw (at front, lock assembly possible)
Notes	Enclosure does not adjoin assembly surface so that cables can be led.
Additional equipment	Mounting screws (x4)
Net/gross weight	4,5 / 4,9 [kg]
Declarations, warranty	CE, 2 years





1 x



4 x



Sample assembly:

