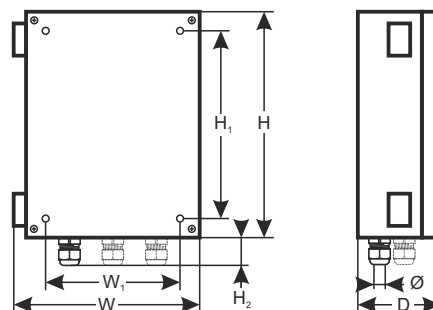
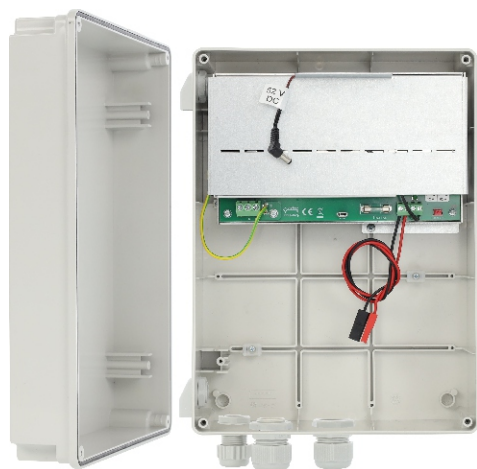


CODE: **SWBH-60** v.1.0/l
TYPE: **Power supply system for PoE switches with battery backup,
52VDC/7Ah/60W, ABS enclosure IP44**

EN



Features:

- supply voltage ~200 - 240 V
- high efficiency (83%)
- battery charging and maintenance control
- built-in DC/DC converter allows reduce installation costs and stabilise output voltage regardless of battery charge status
- battery charging current: 0,5 A
- enclosure **ABS – IP44**
- used glands help to provide wires into enclosure
- possibility of pole mounting (requires OZB4 adapter - optional accessory)
- START function of manual switch to battery power
- deep discharge battery protection (UVP)
- optical indication
- protections:
 - SCP short circuit protection
 - OLP overload protection
 - OVP overvoltage protection
 - surge protection
 - battery protection against reverse connection
- warranty – 2 years from production date

DESCRIPTION

Buffer power supply system for PoE switches SWBH-60 is designed for uninterrupted power supply of PoE switches with 52 V DC. It was designed based on switching power supply module with attached DC / DC converter with high energy efficiency, placed in in **ABS (IP44)** enclosure. DC/DC converter used to increase voltage allows to reduce costs of system by limiting batteries to 1 pc. Enclosure has a place for 7Ah / 12V (SLA) battery. Device is equipped with removable universal mounting plate, which allows to mount PoE switches with dimensions up to 210x128x35 (WxHxD) [mm]. For example Pulsar's models: **S64WP, SG64WP, SFG64F1WP, SFG64WP, ISFG42, ISFG64.**

TECHNICAL DATA	SWBH-60
Power supply	~ 200 – 240 V; 0,7 A; 50/60 Hz
Inrush current	40 A
Efficiency	83%
PoE supply	52 V DC; 60 W
Ripple voltage	100 mV p-p max.
Battery charging voltage	11-13,8 V DC
Battery charging current	0,5 A
Battery circuit protection SCP and reverse polarity connection	F _{BAT} fuse: F5A/250V
Deep discharge battery protection UVP	U<9,5 V (± 5%) – disconnection of battery circuit
Overload protection (OLP)	105 – 150% power, automatically recovered
Surge protection	varistors
Current consumption (during buffer operation)	approx. 40 mA
Connectors	Power input: Φ0,63-2,50 (AWG 22-10) PoE power supply output: DC 2,1/5,5 plug BAT output: Battery wires 6,3F – 45cm
External dimensions	W=240, H=308, D=130 [+/- 2mm]
Installation	W ₁ =185, H ₁ =265 [+/- 2mm]
Space for battery	W=85, H=160, D=105 [+/- 2mm]
Cable gland height	H ₂ =37 [+/- 2mm]
Number of cable glands / cable diameter	2 pc. / 13 - 18 mm + 1 pc. / 10 - 14 mm
Gland filling inserts	2x Φ5mm; 3x Φ5mm (2pcs in each.)
Enclosure	ABS enclosure, IP44
Closing	Screw x 4 (at front)
Additional equipment	Mounting screws (x5), DC wires, Gland filling inserts
Net/gross weight	1,8 / 2,0 [kg]
Protection class EN 62368-1	I (first)
Protection grade EN 60529	IP44

