Pulsar®

www.pulsar.pl

Universal power supply systems
SWS / SWB

with and without buffer battery backup

for PoE switches

Use CONFI-SWITCH
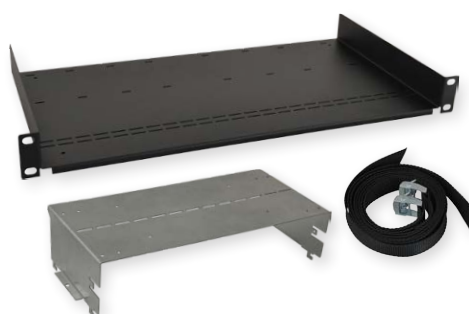configurator of power supply systems for PoE switches

CONFI
SWITCH

PoE switches without power supply

Accessories

Power supply systems for PoE switches
without battery backup
SWS series
Enclosure with power supply unit and additional adapter for mounting switch and recorder *

Features:

- power supply: 200-240VAC
- output voltage – PoE: 52VDC – JACK plug 2,1/5,5
- available models: 60W / 150W *
- dedicated to 4/8 port PoE switches
- metal enclosure – color white RAL9003
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - OHP overheat protection *
  - surge protection
  - antisabotage protection
- warranty: 2 years from production date

* depending on model

Sample product:
SWS-150

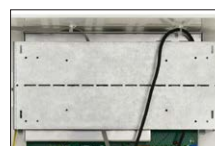Tamper indicating enclosure opening – 1 piece

Closing – front mounting – 2 pieces

Distance from wall (plastic) – 8mm

Switch power supply JACK 2,1/5,5 plug

Mounting plate PoE switches

Code	Output voltage – PoE / power	Adjustable output voltage – PoE	Enclosure dimensions W×H×D+D$_1$ [+/- 2mm]	Mounting plate dimensions W$_2$×H$_2$×D$_2$ [+/- 2mm]
SWS-60	52VDC / 60W	48÷53VDC	230×300×82+8	200×110×50
SWS-150	52VDC / 150W	48÷53VDC	300×300×105+8	230×110×45

Accessories:

DC/DC50HV
converter
(e.g. recorder power supply 12VDC)

Mounting plate
W$_2$×H$_2$
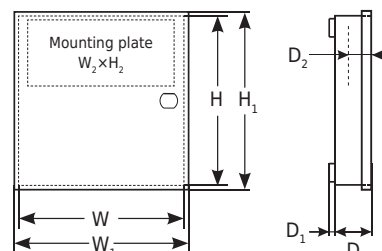
Sample product: SWS-150

Switches:
S64WP / S108WP
SG64WP / SG108WP
SFG64WP / SFG64F1WP
SF108
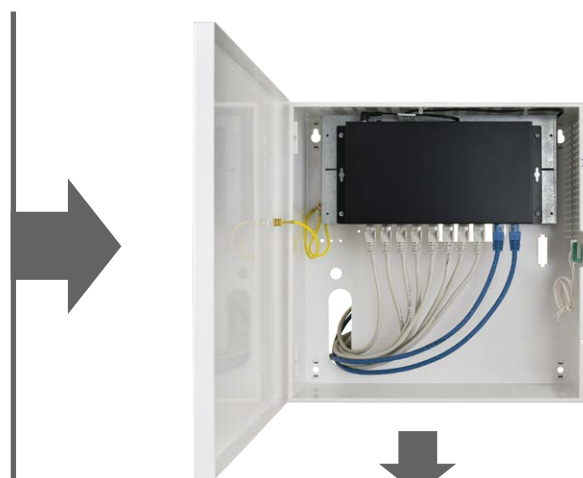
Recorder

IP receivers
Data + power supply 52VDC

IP camera

IP telephone

IP intercom

IP video intercom

IP access control

Access Point IP

Controler IP
(IP telephone, IP access control, ...)

Power supply systems for PoE switches buffer
SWB series
Enclosure with buffer power supply unit and additional adapter for mounting switch and recorder *
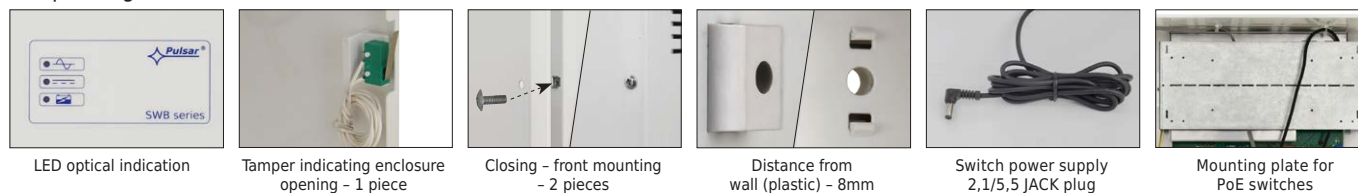
Features:
- power supply: 200-240VAC
- output voltage – PoE: 52VDC / 54VDC * – JACK plug 2,1/5,5
- available models: 60W / 120W / 300W * – buffer
- possibility of installing additional mounting plate *
- optical indication
- fitting battery: 1×7Ah / 2×17Ah / 4×17Ah *
- battery charging current: 0,5A / 1A / 2A jumper selectable *
- deep discharge battery protection – UVP
- battery charging and maintenance control
- metal enclosure – color white RAL9003
- protections:
  - SCP short circuit protection,
  - OLP overload protection
  - OVP overvoltage protection,
  - OHP overheat protection *
  - surge protection,
  - antisabotage protection
- warranty: 2 years from production date

* depending on model

Sample product:
SWB-300

LED optical indication

Tamper indicating enclosure opening – 1 piece

Closing – front mounting – 2 pieces

Distance from wall (plastic) – 8mm

Switch power supply 2,1/5,5 JACK plug

Mounting plate for PoE switches

| Code	Output voltage – PoE / power	Battery charging current	Space for battery	Enclosure dimensions W×H×D+D$_1$ [+/- 2mm]	Mounting plate dimensions W$_2$×H$_2$×D$_2$ [+/- 2mm]	Additional mounting plate
SWB-60	52VDC / 60W – buffer	1A / 2A	1 × 7Ah	300×300×105+8	230×110×45	—
SWB-120	52VDC / 120W – buffer	0,5A / 2A	2 × 17Ah	330×380×173+8	245×150×90	BM2
SWB-300	54VDC / 300W – buffer	0,5A / 1A / 2A	4 × 17Ah	460×390×173+8	245×150×90	BM2

Accessories:

BM2
mounting plate
(installation of additional components)

DC/DC50HV
converter
(e.g. recorder power supply 12VDC)
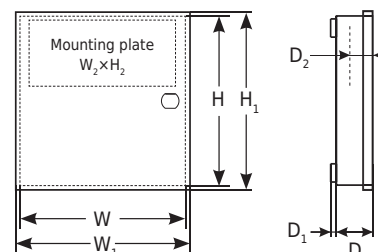
Sample product: SWB-300

Switches:
S64WP / S108WP
SG64WP / SG108WP
SFG64WP / SFG64F1WP
SF108

Battery 4x7÷17Ah

BM2 – mounting plate

DC/DC50HV converter – 12V/5A

Recorder

NVR Client

Controler IP
(IP telephone, IP access control, ...)

IP receivers
Data + power supply 52VDC

IP camera

IP telephone

IP intercom

IP video intercom

IP access control

Access Point IP

# Power supply systems for PoE switches buffer
SWB...RACK series

Enclsoure with buffer power supply unit and mounting bracket for RACK 19" standard devices

Features:
- power supply: 200-240VAC
- output voltage – PoE: 54VDC – EDG 5.08MM–2P plug (JACK plug 2,1/5,5 – included)
- available models: 300W – buffer
- RACK - 3U brackets, with adjustable mounting height on 3 levels
- enclosure construction is compliant with requirements of General Data Protection Regulation GDPR (possibility of installing two locks with different codes)
- optical indication
- fitting battery: 4×17Ah
- battery charging current: 0,5A / 1A / 2A jumper selectable
- deep discharge battery protection – UVP
- battery charging and maintenance control
- metal enclosure – color white RAL9003
- protections:
  - SCP short circuit protection,
  - OVP overvoltage protection,
  - surge protection,
  - OLP overload protection
  - OHP overheat protection
  - antisabotage protection
- warranty: 2 years from production date

SWB-300RACK
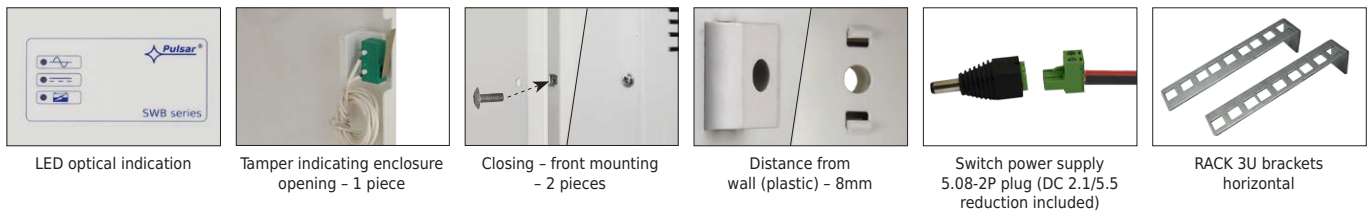
LED optical indication

Tamper indicating enclosure opening – 1 piece

Closing – front mounting – 2 pieces

Distance from wall (plastic) – 8mm

Switch power supply 5.08-2P plug (DC 2.1/5.5 reduction included)

RACK 3U brackets horizontal

Code	Output voltage – PoE / power	Battery charging current	Space for battery	RACK 19" profiles / recorder space	GDPR (possibility of installing two locks with different codes)	Enclosure dimensions W×H×D+D₁ [+/- 2mm]	Installation space W₂×H₂×D₂ [+/- 2mm]
SWB-300RACK	54VDC / 300W – buffer	0,5A / 1A / 2A	4 × 17Ah	3U – horizontal / ✓	✓	535×650×165+14	530×430×155

Accessories:

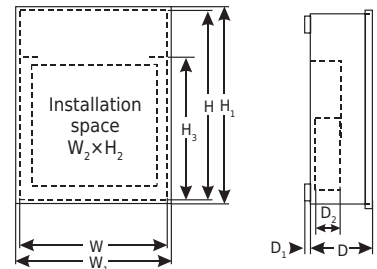**RAPDS**
Universal RACK adapter for desktop switches

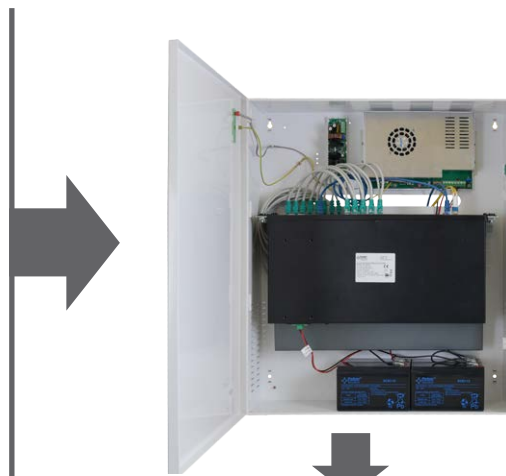**DC/DC50HV**
converter (e.g. recorder power supply 12VDC)

ZPR
Set of two straps for mounting recorder

2x MR008
Lock, type 802 – various code

Installation space $W_2 \times H_2$

H H₁

H₃

W

W₁

D₂

D₁

D

Switches:
S116WP / S124WP
SF108WP, SF116WP, SF124WP

Battery 4x7÷17Ah

DC/DC50HV converter – 12V/5A

Patch Panel

Recorder RACK

NVR Client

Controler IP
(IP telephone, IP access control, ...)

IP receivers
Data + power supply 52VDC

IP camera

IP telephone

IP intercom

IP video intercom

IP access control

Access Point IP

Enclosures for CCTV recorders
Vertical

Enclosure construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely. Enclosure protects recorder/switch against unauthorized access or theft. Enclosures are made of 1,2mm thickness steel.

Possibility of install inside:

- recorder
- switches desktop
- RACK 19″ switches
- RACK 19″ patch panel
- monitor (max 22″) – applies to AWO531W

AWO531W	AWO532W

Code	Space for battery	230VAC socket	Locking with keys (GDPR)	Place for a monitor (max 22″)	Possibility of mounting ARAW45	RACK 19″ holder (horizontal)	External dimensions of enclosure: W×H×D+D$_1$ [+/- 2mm]	Dimensions of recorder space: W$_2$×H$_2$×D$_2$ [+/- 2mm]	Straps for mounting recorder
AWO531W	4×7Ah	—	✓	✓	✓	4U	589×650×261+14	480×400×180	✓
AWO532W	4×7Ah / 2×17Ah	2 pcs.	— (2×MR008 kit required)	—	—	3U	535×540×165+14	530×380×155	— (required set ZPR)

Accessories:

ARAW45
Fan with temperature sensor 45°C

ML572
Extension cord with switch and grounding 4 sockets

RAPDS
Universal RACK adapter for desktop switches

ZPR
Set of two straps for mounting recorder

MR008
Lock, type 802 – various code

PoE switches for IP cameras – without power supply
for installation in universal power supply systems SWS and SWB series
## S…WP, SG…WP, SF…WP, SFG…WP series

Features:

- supports devices compliant with IEEE 802.3af/at standard
- 10/100 Mb/s and 1 Gb/s ports *
- PoE ports – data transfer and power supply
- Long Range mode: STANDARD – 100m/100 Mb/s or EXTEND – 250m/10 Mb/s *
- 30W for each PoE port – 52VDC (PoE+)
- UPLINK ports: 2 ports – for recorder / switch / computer installation
- SFP UPLINK sockets: 2 ports – for recorder / switch / computer installation *
- external power supply 48–54VDC / 48–57VDC *
- additional mounting elements:
  - brackets for mounting to surface *
  - mounting brackets for RACK 19″ *
- warranty: 2 years from production date

Sample product:
SF116WP

* depending on model
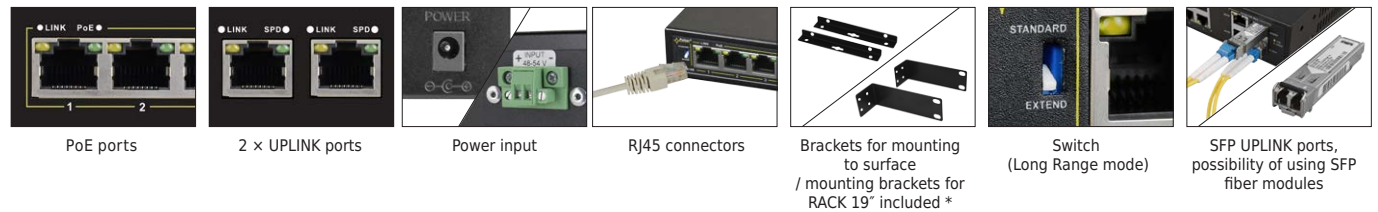
Applies to: S…WP series   Applies to: SF…WP series

| PoE ports | 2 × UPLINK ports | Power input | RJ45 connectors | Brackets for mounting to surface / mounting brackets for RACK 19″ included * | Switch (Long Range mode) | SFP UPLINK ports, possibility of using SFP fiber modules |

| Code	Number of ports: PoE	Long Range mode 100 Mb/s – up to 100m 10 Mb/s – up to 250m	UPLINK		Power supply	Brackets for mounting to surface /	Mounting brackets for RACK 19″	Dimensions W×H×D [+/- 2mm]
			RJ45 ports	SFP sockets				
S64WP	4 – 100 Mb/s	✓ (1÷4 ports)	2 – 100 Mb/s	—	48–57VDC	✓ /	—	118×28×85
SG64WP	4 – 1 Gb/s	—	2 – 1 Gb/s	—	48–57VDC	✓ /	—	118×28×85
SFG64WP	4 – 1 Gb/s	—	—	2 – 1 Gb/s	48–57VDC	✓ /	—	118×28×95
SFG64F1WP	4 – 1 Gb/s	—	1 – 1 Gb/s	1 – 1 Gb/s	48–57VDC	✓ /	—	118×28×95
S108WP	8 – 100 Mb/s	✓ (1÷8 ports)	2 – 100 Mb/s	—	48–57VDC	✓ /	—	190×28×105
SG108WP	8 – 1 Gb/s	—	2 – 1 Gb/s	—	48–57VDC	✓ /	—	190×28×105
SF108WP	8 – 100 Mb/s	—	2 – 1 Gb/s	2 – 1 Gb/s	48–57VDC	✓ /	✓	220×44×150
S116WP	16 – 100 Mb/s	✓ (9÷16 ports)	2 – 1 Gb/s	—	48–57VDC	— /	✓	270×44×181
SF116WP	16 – 100 Mb/s	—	2 – 1 Gb/s	2 – 1 Gb/s	48–57VDC	— /	✓	442×44×224
S124WP	24 – 100 Mb/s	✓ (17÷24 ports)	2 – 1 Gb/s	—	48–57VDC	— /	✓	330×44×204
SF124WP	24 – 100 Mb/s	—	2 – 1 Gb/s	2 – 1 Gb/s	48–57VDC	— /	✓	442×44×224

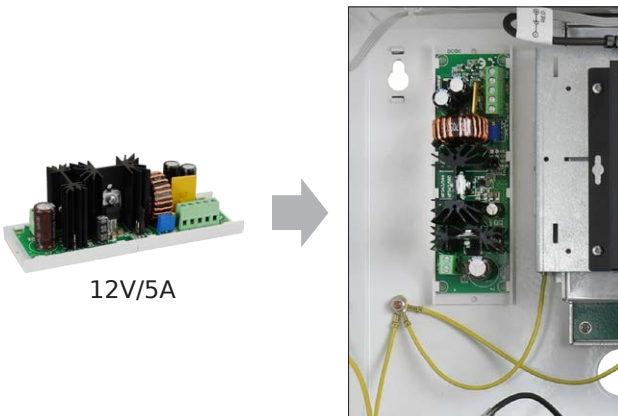Examples of application:
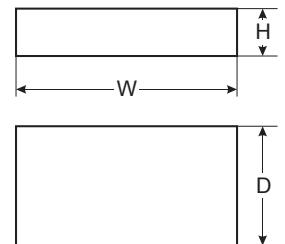
Accessories

RAPDS
Universal RACK adapter for desktop switches
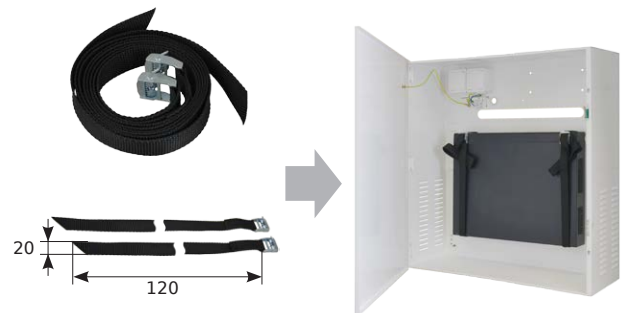– reccomended for AWO531W / AWO532W / SWB-300RACK
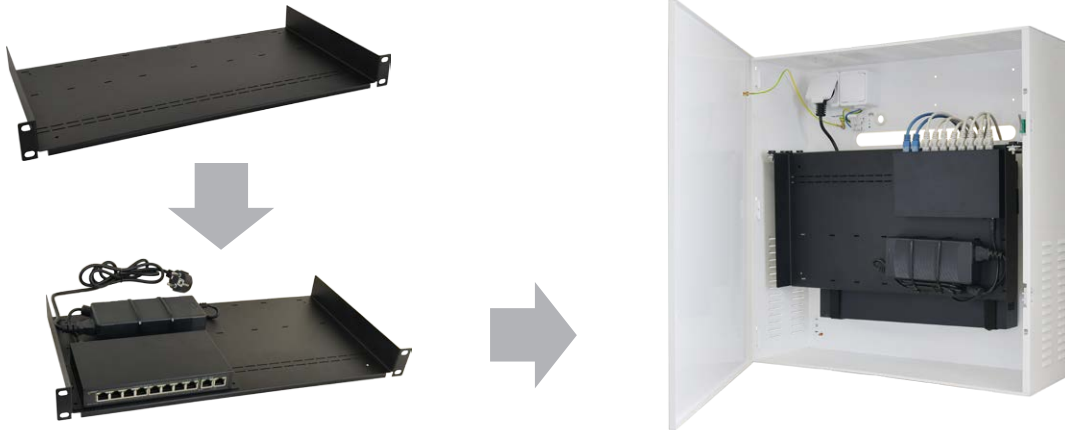
Voltage converters DC/DC

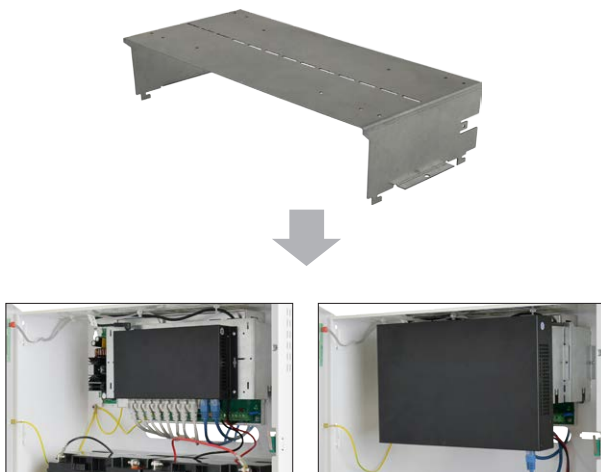DC/DC Converter lowering voltage from 54VDC to 12VDC
– recorder power supply (NVR).

12V/5A

ZPR
Set of two straps for mounting recorder
– dedicated for AWO532W / SWB-300RACK

20
120

BM2
Mounting plate
– intended for SWB-120 / SWB-300

MR008 (x2)
Lock, type 802 – various code
– dedicated for AWO532W

2x

Enclosures construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely.

CONFI-SWITCH

## Configurator of power supply systems for PoE switches

CONFI
SWITCH

available online on www.pulsar.pl

CONFI-SWITCH program has been created to configure appropriate PoE switch power supply system.
This program enables configuration of appropriate switch with dedicated power supply system for CCTV-IP system.

Available options:

– choice of stabilized or buffer power supply
– adding recorder (or other device) power supply circuit
– space for recorder / switch RACK / patch panel
– selection of power system components from current PULSAR offer based on withdrawn products
– ability to create your own system and compare parameters with others
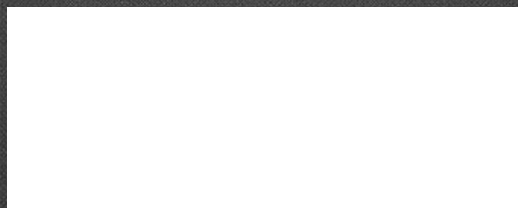
Contact us

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🌐 **www.pulsar.pl**