

Power supply units for CCTV
Buffer power supplies units for CCTV



PoE series

switch mode multi-output 48VDC

buffer, switch mode multi-output 54VDC and 27.6VDC



Switch mode multi-output power supply units 48VDC



PSU features:

- supply output 4x0.4A/48VDC (8x0.4A/48VDC)*
- adjustable output voltage 42V÷54VDC (45,6V÷ 52.8VDC)*
- wide range of supply voltage: 88÷264VAC (176÷264VAC)*
- high efficiency 89% (87%)*
- 4 (8) outputs protected with 0.5A fuses*
- jumper selectable fuse type: fuse or polymer fuse
- voltage control at the AUX1 ÷ AUX4 (AUX8) outputs*
- designed for 10Mbit/s and 100Mbit/s network
- LED optical indication
- FPS technical output – indication of the output fuse activation– relay and OC type
- protections:
 - SCP short-circuit protection
 - OVP overvoltage protection
 - Surge protection
 - Antisabotage protection
 - OLP overload protection
- 2 year from the production date

Available models:

- POE044816 – PoE 48V/4x0.4A switch mode power supply unit for CCTV
- POE084832 – PoE 48V/8x0.4A switch mode power supply unit for CCTV

* depending on the model

GREEN POWER CCTV
PoE

Switch mode buffer power supply units, multi-output 54VDC and 27.6VDC



PSU features:

- 54VDC (27.6VDC) uninterruptible power supply*
- battery housing: 4x7Ah/12V (2x7Ah/12V)*
- uniwersalny zakres napięcia zasilania AC: 88÷264V (176 ÷264V)*
- high efficiency 84% (77%)*
- battery charging and maintenance control
- deep discharge battery protection UVP
- battery charging current: 0,2A (0,5A)*
- battery output protection against short circuit and reverse connection
- designed for 10Mbit/s and 100Mbit/s network
- voltage control at the AUX1÷AUX8 (AUX4) outputs*
- FPS technical output – indication of the output fuse activation – relay and OC type
- LED optical indication
- protections:
 - SCP short-circuit protection
 - OVP overvoltage protection
 - Surge protection
 - Antisabotage protection
 - OLP overload protection
- 2 year from the production date

Available models:

- POE084824B – PoE 54V/8x0.3A/4x7Ah buffer, switch mode power supply unit for CCTV
- POE042418B – PoE 27.6V/4x0.4A/2x7Ah buffer, switch mode power supply unit for CCTV
- POE042455B – PoE 27.6V/4x1A/2x7Ah buffer, switch mode power supply unit for CCTV

* depending on the model

GREEN POWER CCTV
PoE

PoE series

switch mode multi-output 48VDC

buffer, switch mode multi-output 54VDC and 27,6VDC

Switch mode multi-output power supply units 48VDC

Model	POE044816	POE084832
Input voltage	88÷264VAC	176÷264VAC
Power of the power supply unit	48W	120W
Output voltage	48VDC, adjustment 42÷54VDC	48VDC, adjustment 45,6÷52.8VDC
Output current	1.6A	3.2A
Number of outputs	4×0.4A	8×0.4A
Security type	Polyswitch or fuse	
Short circuit protection (SCP)	Yes	
Overload protection (OLP)	Yes	
Over voltage protection (OVP)	55.2÷64.8VDC	
Surge protection	Yes – varistors	
Technical outputs: - FPS; output indicating output fuse activation	- OC type, 50mA max., normal status: L (0V) level, failure: hi-Z level (automatic return once the normal operation is restored) - relay type: 1A@ 30VDC / 50VAC, time lag: approx. 10s	
Acoustic operation indication	No	
LED operation indication	LED: DC supply status, failure	
Tamper resistance	Yes – unwanted enclosure opening – microswitch	
Enclosure	Metallic, IP20, surface-mounted, RAL9003	
Dimensions	W=230 H=281 D=116 [mm]	W=270 H=307 D=116 [mm]
Operating conditions	II environmental class -10°C ÷ +40°C	
Notes	The power supply supports both 10Mbps and 100Mbps networks	
Warranty	Declarations of compliance: CE, RoHS; 2 year from the production date	

Switch mode buffer power supply units, multi-output 54VDC and 27.6VDC

Model	POE084824B	POE042418B	POE042455B
Input voltage	88÷264VAC	176÷264VAC	
Power of the power supply unit	54VDC	27.6VDC	
Output voltage	2.6A	1.8A	5.5A
Output current	8×0.3A	4×0.4A	4×1.0A / 4×0.87A
Number of outputs	0,2A	0.2A	0.5A / 2.0A
Security type	4×7Ah	2×7Ah	
Short circuit protection (SCP)	electronic		
Overload protection (OLP)	8×F 0.5A or 8×PTC 0.5A	4×F 0,5A or 4×PTC 0.5A	4×F 1,0A or 4×PTC 1.1A
Over voltage protection (OVP)	62.1÷72.9VDC	U>115% ÷ 150% (automatic return)	
Surge protection	Yes – varistors		
Deep discharge battery protection (UVP)	U<37 V (± 5%) – disconnect of connection battery	U<19V (+/- 5%) – disconnect of connection battery	
LED operation indication	Yes – LED		
Technical outputs: - FPS; output indicating output fuse activation	- OC type, 50mA max., normal status: L (0V) level, failure: hi-Z level (automatic return once the normal operation is restored) - relay type: 1A@ 30VDC / 50VAC, time lag: approx. 10s		
Notes	The power supply supports both 10Mbps and 100Mbps networks		
Enclosure	Steel plate, DC01 1.0mm colour: RAL 9003		
Dimensions	W=300 H=407 D=126 [mm]	W=300 H=407 D=126 [mm]	W=300 H=407 D=126 [mm]
Warranty	Declarations of compliance: CE, RoHS; 2 year from the production date		