

# Power supplies PS-30

Technical data		
	PS-30-12	PS-30-24
<b>Input</b>		
Voltage range	AC 100-250V / 50 - 60Hz	
Burden without load (max)	9VA / 1W	10VA/1.5W
Burden with full load (max)	70VA / 37W	
Protection	fuse T2A	
<b>Output</b>		
Output voltage DC / max. current	12.2V/2.5A	24.2V/1.25A
Tolerance of output voltage:	± 2%	
Output indication	green LED	
Wave of off-load output voltage	30mV	
Wave of output voltage with max load	80mV	
Time delay after connection	max. 5s	
Time delay after over-load	max. 1s	
Efficiency	>82%	
Electronic fuse	electronic protections short-circuit, over load, over voltage (from 120% of rated output)	
<b>Other information</b>		
Working humidity	20 .. 90% RH	
Operating temperature	-20 °C ... +40 °C	
Storage temperature	-25 °C ... +70 °C	
Electrical strength input- output	4kV	
Protection degree	IP40 device/ IP20 in-built in distribution board	
Overvoltage category:	II.	
Pollution degree	2	
Max. cable size (mm <sup>2</sup> )	solid wire max. 1x2.5 or 2x1.5/ with sleeve max. 1x1.5	
Dimensions	90 x 52 x 65 mm	
Weight	158 g	
Standards	EN 61204-1, EN 61204-3, EN 61204-7	

**Description**

- galvanically separated
- AC/DC switching stabilized power supplies, 3-module size, DIN rail mounting
- PS-30-12 - stabilized power supply with fixed output voltage 12 V/30 W (2,5A)
- PS-30-24 - stabilized power supply with fixed output voltage 24 V/30 W (1,25A)

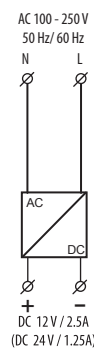
**Advantages**

- Output current is limited by electronic fuse, in case maximal current is exceeded, the device switches off and after a shot time interval it again switches on.
- Indication of output voltage by green LED on front panel
- Temperature protection – if temperature is exceeded, the device switches off and after cooled down, it switches on again.

PS-30: switching stabilized power supplies, version 3-module

- PS-30-12 - stabilized power supply with fixed output voltage 12 V/30 W
- PS-30-24 - stabilized power supply with fixed output voltage 24 V/30 W

**Connection**



**Description**

PS-30-12, PS-30-24

Supply terminals

Output voltage indication

Output voltage terminals ⊕

Output voltage terminals ⊖

