



# POWER SUPPLY PRODUCT CATALOG

2024

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# Brand

The POS POWER brand was formed in 2014 as a direct response to the market's needs for lighting in furniture, signage, custom designs etc. as well as home automation and general electronic devices markets. All POS products are based on 20-year experience of Middle Europe's Leading company in power supplies in general: MPL POWER ELEKTRO. Our products are available through distribution network all over Europe and currently work all around the world in thousands of applications. We have sold more than 10M pcs of power supply so far.

Our goal is to deliver product that fulfils requirements of both industrial market and cost effective solution too. Compared to alternatives on the market POS MSPS (Switching Mode Power Supply) are characterised by innovative technology, high-quality components, well established standard dimensions and a very competitive price to quality ratio. The POS range of power supply complements the range of sister brand - GLP.

Most of our products are offered with a 5-year warranty, which is exceptional on the global market amid professional SMPS products. We wish our customers to take part in the most demanding projects possible.

Our motto is: clear cooperation and distribution principles supported by responsible Brand recognition management. We offer stable conditions and growing product portfolio. The main goal is to be able to compete with global brands so that our Valued Customers can grow their business with our help and support.

We welcome you to contact our European representatives.



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## Safety marks

	CE mark of conformity
	Led driver is suitable for installing on or into furniture which is made from materials with unknown flammation characteristic. In general situation could mount on or into furniture and cabinet
	Independent control gear. It can be installed separately outside a lighting fixture without any additional housing
	Class II equipment, no earth connection is required
	Control gear with safety isolation and short circuit protection
<b>SELV</b>	International mark for transformers of converters (safety extra-low voltage)
	Maximum value surface of control gear (expressed in Celsius degree) in the event of a fault at rated ambient temperature

## Test standards

<b>EN 62368-1</b>	Consumer electronics products safety
<b>EN 55015:2019 + A11:2020, EN55022</b>	Limits and methods of measurements of radio interferenec characteristics of lights
<b>EN 61347-2-13</b>	Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules
<b>EN 61000-3-2:2019, EN61000-3-3:2013 + A1:2019 ERP reg. EU 2019/2020 art.3</b>	Limits for harmonic current emissions

# POS - ADAPTER series 2.75 ~ 36 W



## ● Features

- EU input voltage range / Full range
- ErP step II / CEC level VI compliance
- No load power consumption  $P < 0.075W$
- Protections: Overload / Short circuit / Over Voltage



Model	Power	Voltage	Current	Working temperature	Dimensions (L × W × H)	Color	Safety & EMC
POS05055A	2.75 W	5 V	0.55 A	0°C ÷ 45°C	37.37 × 23.56 × 54.37 mm	Black	EN 62368-1 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POS05100A	5 W	5 V	1.00 A	0°C ÷ 45°C	37.37 × 23.56 × 54.37 mm		
POS05100A-MU						White	
POS05100A-MU-WH							
POS06100A	6 W	6 V	1.00 A	0°C ÷ 25°C	37.75 × 23.55 × 52.2 mm	Black	
POS06100A-WH						White	
POS12050A	6 W	12 V	0.50 A	0°C ÷ 40°C	38 × 25 × 88.6 mm	Black	
POS09100A	9 W	9 V	1.00 A		76.2 × 27.6 × 61.6 mm	Black	
POS05200A	10 W	5 V	2.00 A		76.2 × 27.6 × 61.6 mm	Black	
POS05200A-MICRO						White	
POS05200A-WHmicro							
POS05200A-WH							
POS12100A	12 W	12 V	1.00 A		76.2 × 27.6 × 61.6 mm	Black	
POS24050A	12 W	24 V	0.50 A		61.6 × 27.6 × 38.86 mm	Black	
POS12120A	14.4 W	12 V	1.20 A		69.1 × 27.6 × 78.86 mm		
POS12120A-WH					69.1 × 27.6 × 79.2 mm	White	
POS05300A	15 W	5 V	3.00 A		46.5 × 23.3 × 55.1 mm	Black	
POS12150A	18 W	12 V	1.50 A		69.1 × 27.6 × 79.2 mm	Black	
POS12150A-WH						White	
POS12200A	24 W	12 V	2.00 A		82.2 × 32.6 × 74.2 mm	Black	
POS24100A	24 W	24 V	1.00 A		82.2 × 32.6 × 74.2 mm		
POS12300A	36 W	12 V	3.00 A		86.9 × 35.2 × 89.6 mm		
POS24150A	36 W	24 V	1.50 A	89.6 × 35.1 × 49.5 mm			

# POSB - ADAPTER series 6 ~ 36 W



## ● Features

- EU input voltage range / Full range
- ErP step II / CEC level VI compliance
- No load power consumption  $P < 0.075W$
- Protections: Overload / Short circuit / Over Voltage



Model	Power	Voltage	Current	Working temperature	Dimensions (L × W × H)	Color	Safety & EMC
POSB06100A	6 W	6 V	1.00 A	0°C ÷ 45°C	67 × 38 × 74 mm	Black	EN 62368-1 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSB06100A-WH						White	
POSB12050A	6 W	12 V	0.50 A	0°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB09100A	9 W	9 V	1.00 A	0°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB09100A-WH						White	
POSB05200A	10 W	5 V	2.00 A	0°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB05200A-MICRO						White	
POSB05200A-WH-MICRO							
POSB05200A-WH							
POSB05210A-2USB	10.5 W	5 V	2.10 A	0°C ÷ 35°C	37.1 × 24.2 × 75.3 mm	Black	
POSB06200A	12 W	6 V	2.00 A	0°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB06200A-WH						White	
POSB12100A	12 W	12 V	1.00 A	-10°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB12100A-WH						White	
POSB12100A-E1/U1/U2/ A3				0°C ÷ 40°C	62 × 39.2 × 35 mm	Black	
POSB24050A-E1/U1/U2/ A3	12 W	24 V	0.50 A	0°C ÷ 40°C	62 × 39.2 × 35 mm	Black	
POSB24050A							
POSB24050A-WH				67 × 38 × 74 mm	White		
POSB05310A-2USB	15.5 W	5 V	3.10 A	0°C ÷ 35°C	46.5 × 23.3 × 55.1 mm	Black	
POSB12150A	18 W	12 V	1.50 A	-10°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB12150A-WH						White	
POSB12200A	24 W	12 V	2.00 A	-10°C ÷ 45°C	67 × 38 × 74 mm	Black	
POSB12200A-E1/U1/U2/A3					71.5×43.5×31.5mm		
POSB24100A-E1/U1/U2/A3	24 W	24 V	1.00 A	-10°C ÷ 45°C	71.5×43.5×31.5mm	White	
POSB24100A-WH					67 × 38 × 74 mm		
POSB24100A						Black	
POSB12250A-WH	30 W	12 V	2.50 A	0°C ÷ 45°C	93.58 × 46.57 × 70.1 mm	White	
POSB12300A	36 W	12 V	3.00 A	-10°C ÷ 45°C	93.58 × 46.57 × 70.1 mm	Black	
POSB24150A	36 W	24 V	1.50 A	0°C ÷ 45°C			

# POSC - ADAPTER series 5 ~ 36 W



## ● Features

- EU input voltage range / Full range
- ErP step II / CEC level VI compliance
- MTBF > 100.000 h
- Protections: Overload / Short circuit / Over Voltage



Model	Power	Voltage	Current	Working temperature	Dimensions (L x W x H)	Color	Safety & EMC
POSC05100A-USB	5 W	5 V	1.00 A	-5°C ÷ 40°C	83 × 36 × 24 mm	Black	EN 62368-1 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSC05100A-WH-USB						White	
POSC06100A-WH	6 W	6 V	1.00 A		56 × 28 × 42 mm	White	
POSC12050A	6 W	12 V	0.50 A		56 × 28 × 42 mm	Black	
POSC07100A	7.5 W	7.5 V	1.00 A				
POSC09100A	9 W	9 V	1.00 A				
POSC05200A	10 W	5 V	2.00 A	-5°C ÷ 40°C	56 × 28 × 42 mm	Black	
POSC05200A-MICRO						White	
POSC05200A-WHmicro							
POSC05200A-WH							
POSC12100A	12 W	12 V	1.00 A	-5°C ÷ 40°C	56 × 28 × 42 mm	Black	
POSC12100A-WH						White	
POSC24050A	12 W	24 V	0.50 A	-5°C ÷ 40°C	56 × 28 × 42 mm	Black	
POSC05300A	15 W	5 V	3.00 A				
POSC48027A	13 W	48 V	0.27 A				
POSC15100A	15 W	15 V	1.00 A		69.4 × 30 × 64.1 mm		
POSC15160A	24 W	15 V	1.60 A				
POSC12200A	24 W	12 V	2.00 A	-5°C ÷ 40°C	69.4 × 30 × 64.1 mm	Black	
POSC12200A-H							
POSC24100A	24 W	24 V	1.00 A		86.5 × 50 × 32.8 mm		
POSC24100A-H							
POSC24150A-H	36 W	24 V	1.50 A				
POSC12300A-H	36 W	12 V	3.00 A				



# POSB - DESKTOP series 12 ~ 60 W



## ● Features

- EU input voltage range: / Full range
- ErP step II / CEC level VI compliance
- No load power consumption  $P < 0.075 \text{ W}$
- Protections: Overload / Short circuit / Over Voltage



Model	Power	Voltage	Current	Working temperature	Dimensions (L × W × H)	Color	Safety & EMC
POSB12100D	12 W	12 V	1 A	0°C ÷ 40°C	67 × 43.5 × 74 mm	Black	EN 62368-1 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSB12200D	24 W		2 A		96 × 68 × 31 mm		
POSB12300D	36 W		3 A		93.58 × 46.57 × 70.1 mm		
POSB12500D	60 W		5 A		115 × 74 × 31 mm		

# POSC - DESKTOP series 24 ~ 120 W

## ● Features

- EU input voltage range: / Full rang
- ErP step II / CEC level VI compliance
- MTBF > 100.000 h
- Protections: Overload / Short circuit / Over Voltage



Model	Power	Voltage	Current	Working temperature	Dimensions (L × W × H)	Color	Safety & EMC	
POSC12200D-C8-WH	24 W	12 V	2.00 A	-5°C ÷ 40°C	115 × 50 × 30 mm	White	EN 62368-1 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5	
POSC12250D-C8-WH	30 W		2.50 A		116 × 50 × 30 mm	White		
POSC12300D-C8	36 W		3.00 A		117 × 50 × 30 mm	Black		
POSC12300D-C8-WH			3.00 A		118 × 50 × 30 mm	White		
POSC12333D-C14	40 W		3.34 A		119 × 50 × 30 mm	Black		
POSC12500D-C14	60 W		5.00 A		120 × 50 × 30 mm			
POSC12500D-C8					121 × 50 × 30 mm			
POSC12500D-C8-WH					122 × 50 × 30 mm	White		
POSC121000D-C14	120 W		12 V		10.00 A	152.4 × 64 × 35 mm		Black
POSC15400D-C14	60 W		15 V		4.00 A	121.3 × 53.6 × 31.2 mm		
POSC18333D-C14		18 V	3.33 A	142.3 × 60.3 × 33.2 mm				
POSC19473D-C14-25		90 W	19 V	4.73 A	152.4 × 64 × 35 mm			
POSC20600D-C14-25	120 W	20 V	6.00 A	121.3 × 53.6 × 31.2 mm				
POSC24250D-C14	60 W	24 V	2.50 A					
POSC24375D-C14			3.75 A		142.3 × 60.3 × 33.2 mm			
POSC48125D-C14	60 W	48 V	1.25 A		121.3 × 53.6 × 31.2 mm			
POSC48187D-C14	90 W		1.87 A	142.3 × 60.3 × 33.2 mm				



Distributor:

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