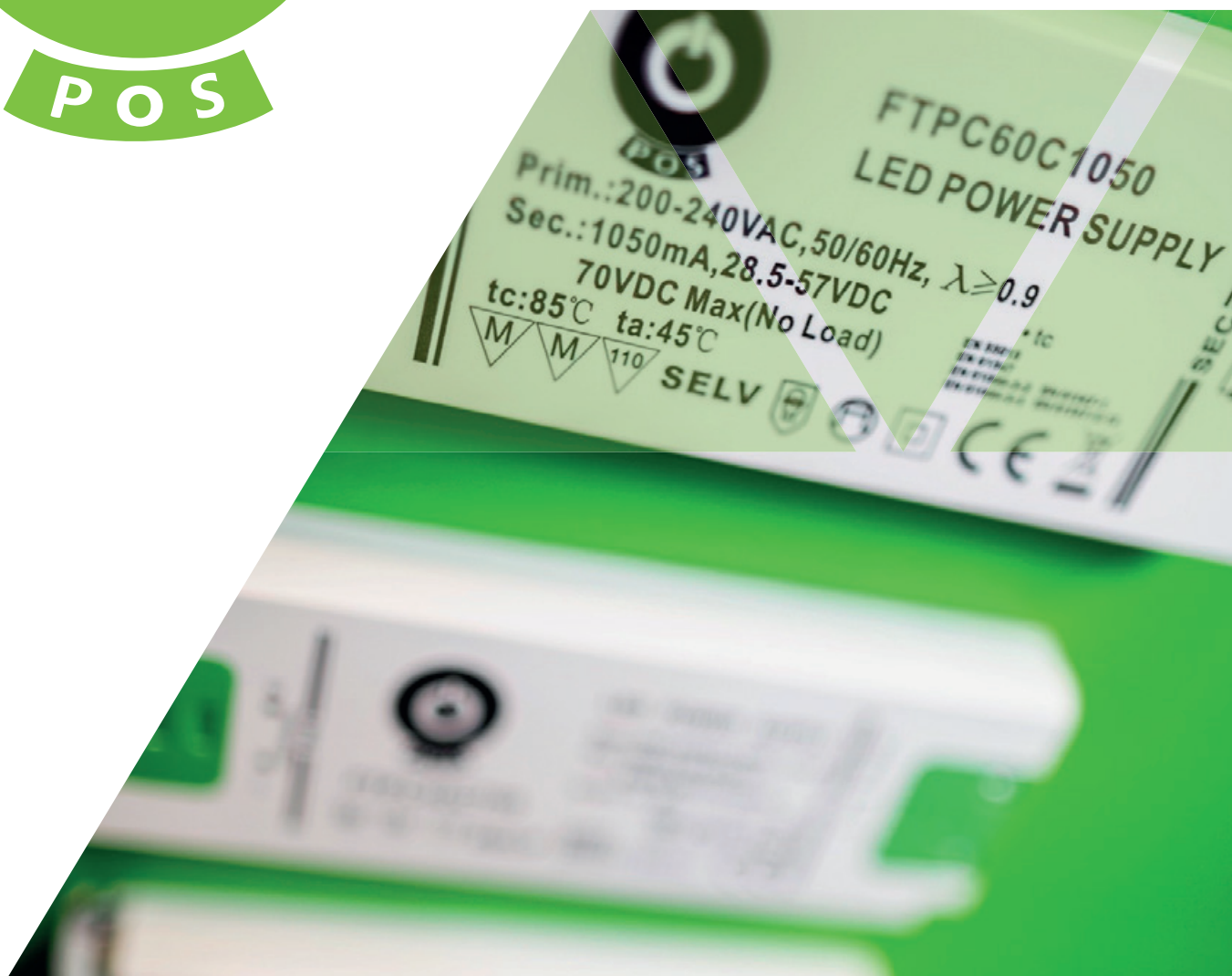




Product Catalogue



www.pospower.pl

2018

POS power supplies are dedicated solutions for signage and LED lighting advertisement, along with architectural, decorative and professional lighting applications. We also offer solutions for other market branches, such as CCTV, intelligent building and home automation.

The wide model range includes cost effective enclosed power supplies up to professional, but still competitive, high end and high efficiency IP65/67 models.

The unique FTPC series is characterized by ultralow profile case design, allowing these to be installed in tight places unavailable for other solutions on the market. Available also in slim case design (low, narrow and long) – 30mm wide, and up to 17mm high.

The high efficiency IP65/67 MCHQ series, range from 40W up to 480W and voltage versions 12V/24V/36V/48V/54V.

Each available in either of two options: IP65 with Iout and Uout adjustment or IP67 with 3in1 dimming function.

The POS power supplies have up to 5 year warranty.

Safety marks

	CE mark of conformity
	The transformer complies with European Regulation, in general situation, could mount on or in furniture and cabinet
	Flammable marks
	International mark for independent converter
	International mark for protection Class 2
	Controlgear with safety isolation and short circuit protection
SELV	International mark for transformers of converters (safety extra-low voltage)
	The surface temperature of Transformer/ballast will be no more than 110°C on the condition of overload or short circuit

Test standards

EN 55015, EN55022	Limits and methods of measurements of radio interference characteristics of lights
EN 61347-2-13	Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules
EN 61000-3-2	Limits for harmonic current emissions

FTPC 6~320W voltage (IP20)



Features

- european AC input voltage range
- built-in active PFC function (30W~200W)
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- 100 % full load burn-in test
- isolation class II
- wide operating temperature range (-20°C ~ +45°C)
- approved for installation directly on wood
- up to 3 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC6V12	6W	12V	0.50A	short circuit, overload, over temperature	EN 55015, EN 61347-2-13	-20°C ~ +45°C	99×46×11 mm	0.05 kg
FTPC8V12	8W	12V	0.67A				94,5×46,2×19,5 mm	0.06 kg
FTPC12V12	12W	12V	1.00A				127×50×11 mm	0.06 kg
FTPC12V24		24V	0.50A				128×51×14 mm	0.07 kg
FTPC15V12	15W	12V	1.25A				123×44×19,2 mm	
FTPC15V12F		12V	1.25A				154×50×14 mm	0.11 kg
FTPC20V12	20W	12V	1.67A				154×50×14,5 mm	0.12 kg
FTPC20V24		24V	0.83A				159×58×18 mm	0.16 kg
FTPC30V12	30W	12V	2.50A	short circuit, overload, over voltage, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	185×64×22 mm	0.25 kg
FTPC30V24		24V	1.25A				185×63,5×22,5 mm	0.28 kg
FTPC50V12	50W	12V	4.17A				201×64×30 mm	0.35 kg
FTPC50V24		24V	2.08A				180×65,5×31,2 mm	0.40 kg
FTPC60V12	60W	12V	5.00A	short circuit, overload, over voltage, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	180×65,5×31,2 mm	0.43 kg
FTPC75V12	75W	12V	6.25A				195×67,1×31,2 mm	0.50 kg
FTPC75V24		24V	3.12A				215×77,5×35 mm	0.86 kg
FTPC150V12	132W	12V	11.00A					
FTPC150V24	150W	24V	6.25A					
FTPC200V12	180W	12V	11.00A					
FTPC200V24	200W	24V	6.25A					
FTPC250V12	216W	12V	18.00A					
FTPC250V24	250W	24V	10.40A					
FTPC320V12	260W	12V	21.70A					
FTPC320V24	319W	24V	13.30A					



FTPC 12~60W current (IP20)



Features

- constant current design
- european AC input voltage range
- built-in active PFC function (FTPC30C700, FTPC40Cxx & FTPC60Cxx)
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- 100 % full load burn-in test
- isolation class II
- wide operating temperature range (-20°C ~ +45°C)
- approved for installation directly on wood
- up to 5 years warranty



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC12C350	11.9W	0~34V	350mA	short circuit, over temperature	EN 55015, EN 61347-2-13	-20℃ ~ +45℃	127×50×10 mm	0.05 kg
FTPC15C350	15W	10~43V	350mA				128×51×14 mm	0.07 kg
FTPC20C350	19.6W	30~56V	350mA				159×58×18 mm	0.11 kg
FTPC20C700	20.3W	14~29V	700mA		EN 55015, EN 61347-2-13, EN61000-3-2 Class C		160×58×18 mm	0.16 kg
FTPC30C700	29.9W	21~43V	700mA				159×58×18 mm	0.18 kg
FTPC40C700	39.9W	29~57V	700mA				185×64×22 mm	0.25 kg
FTPC40C1050		19~38V	1050mA					
FTPC60C1050	59.8W	28~57V	1050mA					
FTPC60C1400	59.5W	21~42V	1400mA					
FTPC60C2100	59.8W	14~28V	2100mA					

FTPC-D 30~50W voltage (IP20)

Features

- constant voltage + constant current design
- european AC input voltage range
- 100 % full load burn-in test
- cooling by free air convection
- AC phase cut (leading or trailing edge) dimmable
- built-in active PFC function



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight	
FTPC30V12-D	30W	12V	2.50A	short circuit, overload, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2	-20℃ ~ +45℃	158x45.8x18.3 mm	0.20 kg	
FTPC30V24-D		24V	1.25A						
FTPC50V12-D	50W	12V	5.00A				177x57.8x21.8 mm		
FTPC50V24-D		24V	2.50A						
FTPC75V12-D	75W	12V	5.00A	short circuit, overload, over voltage, over temperature					170.4x 56.5x31mm
FTPC75V24-D		24V	2.50A						

FTPC-C 12~150W voltage (IP20)



Features

- built-in active PFC function (30W~150W)
- european AC input voltage range
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- 100 % full load burn-in test
- isolation class II
- wide operating temperature range (-20°C ~ +45°C)
- approved for installation directly on wood
- up to 5 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight	
FTPC8V12-C	8W	12V	0.67A	short circuit, over current	EN 55015, EN 61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	67x33x20 mm	0.045 kg	
FTPC12V12-C	12W	12V	1.00A	short circuit, overload, over temperature			98.4×45.6×10.7 mm	0.05 kg	
FTPC12V24-C		24V	0.50A				103×35.5×16.5 mm	0.40 kg	
FTPC15V12-C	15W	12V	1.25A	short circuit, over current			103×35.5×16.5 mm	0.40 kg	
FTPC20V12-C	20W	12V	1.67A	short circuit, overload			103×35×16 mm	0.06 kg	
FTPC20V24-C		24V	0.84A				158×51×17 mm	0.18 kg	
FTPC30V12-C	30W	12V	2.50A				short circuit, overload, over temperature	160×57.8×18 mm	0.19 kg
FTPC30V24-C		24V	1.25A					170×44.5×28.2 mm	0.23 kg
FTPC50V12-C	50W	12V	4.17A	short circuit, overload, over temperature			180×65.5×31.2 mm	0.40 kg	
FTPC50V24-C		24V	2.08A				170×56.4×17.2 mm		
FTPC75V12-C	70W	12V	5.83A	short circuit, overload, over voltage, over temperature					
FTPC75V24-C	75W	24V	3.13A						
FTPC100V12-C	100W	12V	8.33A						
FTPC100V24-C		24V	4.16A						
FTPC150V12-C	132W	12V	11.00A	short circuit, overload, over temperature					
FTPC150V24-C	150W	24V	6.25A						



FTPC-S 30~200W voltage & current slim (IP20)



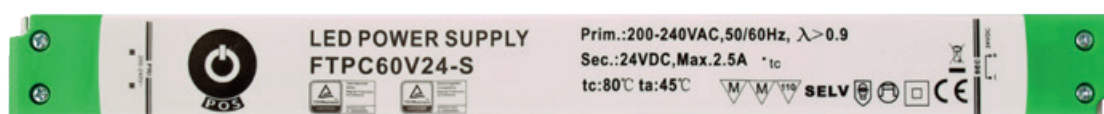
Features

- built-in active PFC function
- european AC input voltage range
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- 100 % full load burn-in test
- isolation class II
- narrow and low profile
- wide operating temperature range (-20°C ~ +45°C)
- approved for installation directly on wood
- up to 5 years warranty



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC30V12-S	30W	12V	2.50A	short circuit, overload, over voltage, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	251×30×16 mm	0.11 kg
FTPC30V24-S		24V	1.25A					
FTPC60V12-S	60W	12V	5.00A	short circuit, overload			304.5×30×17 mm	0.16 kg
FTPC60V24-S		24V	2.50A					
FTPC100V12-S	100W	12V	8.30A	short circuit, overload, over voltage, over temperature			322×30×18.5 mm	0.22 kg
FTPC100V24-S		24V	4.10A					
FTPC150V12-S	132W	12V	11.00A				322.6×30.1×21.5 mm	0.25 kg
FTPC150V24-S	150W	24V	6.25A					
FTPC200V12-S	180W	12V	15.00A				356.4x32.1x22.3 mm	0.34 kg
FTPC200V24-S	200W	24V	8.33A					
FTPC30C350-S	30.1W	43~86V	350mA	short circuit			251×30×16 mm	0.12 kg
FTPC30C500-S	30W	30~60V	500mA					
FTPC30C700-S	30.1W	21~43V	700mA					
FTPC30C1050-S	30.45W	14~29V	1050mA					
FTPC30C1400-S	30.8W	11~22V	1400mA					



FTPC-S-WP 60~150W voltage (IP66)



Features

- european AC input voltage range
- built-in active PFC function
- cooling by free air convection
- isolation class II
- narrow and low profile
- 100 % full load burn-in test
- suitable for use in Dry and Damp locations
- wide operating temperature range (-20°C ~ +45°C)
- approved for installation directly on wood
- compliance to worldwide regulations for lighting
- up to 5 years warranty
- IP66



SELV IP66 CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC60V12-S-WP	60W	12V	5.00A	short circuit, overload, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2	-45°C ~ +80°C	285.4×30×18 mm
FTPC60V24-S-WP		24V	2.25A			45°C ~ +80°C	303.4×30×20 mm
FTPC100V12-S-WP	100W	12V	8.33A			45°C ~ +80°C	322×30.1×21.5 mm
FTPC100V24-S-WP		24V	4.17A				
FTPC150V12-S-WP	150W	12V	11.00A			45°C ~ +80°C	322×30.1×21.5 mm
FTPC150V24-S-WP		24V	6.25A				

FTPC-E 30~150W voltage (IP20)

Features

- european AC input voltage range
- built-in active PFC function
- cooling by free air convection
- isolation class II
- 100 % full load burn-in test
- approved for installation directly on wood
- wide operating temperature range (-20°C ~ +45°C)
- compliance to worldwide regulations for lighting



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight					
FTPC30V12-E	30W	12V	2.50A	short circuit, overload, over voltage	EN 55015, EN 61347-2-13, EN61000-3-2	-20℃ ~ +45℃	149x40.4x26.7 mm	0.14 kg					
FTPC30V24-E		24V	1.25A										
FTPC60V12-E	60W	12V	5.00A				170x44.5x28.2 mm	0.24 kg					
FTPC60V24-E		24V	2.50A										
FTPC100V12-E	100W	12V	8.33A	short circuit, overload, over voltage, over temperature					179.4x62.5x20.6 mm	0.40 kg			
FTPC100V24-E		24V	4.17A										
FTPC150V12-E	150W	12V	11.00A										0.42 kg
FTPC150V24-E		24V	6.25A										

FTPC-FP 6~30W voltage (IP44)



Features

- european AC input voltage range
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- compliance to ERP Directive
- isolation class II
- 100 % full load burn-in test
- approved for installation directly on wood



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC6V12-FP	6W	12V	0.50A	Over current, short circuit	EN 55015, EN 61347-2-13, EN61000-3-2	-20°C ~ +45°C	132x52x12 mm	0.20 kg
FTPC6V24-FP		24V	0.25A					
FTPC12V12-FP	12W	12V	1.00A				130x41.5x15 mm	0.10 kg
FTPC12V24-FP		24V	0.50A					
FTPC15V12-FP	15W	12V	1.25A				127x44x14.5 mm	0.20 kg
FTPC15V24-FP		24V	0.62A					
FTPC20V12-FP	20W	12V	1.66A				158x51x17.3 mm	0.20 kg
FTPC20V24-FP		24V	0.83A					
FTPC30V12-FP	30W	12V	2.50A					
FTPC30V24-FP		24V	1.25A					

PSV 12~100W voltage (IP67)

Features

- constant voltage design
- european AC input voltage range
- cooling by free air convection
- 100 % full load burn-in test
- isolation class II
- fully encapsulated with IP67 level
- up to 2 years warranty



LPS IP67 CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
PSV-12-12	12W	12V	1.00A	short circuit, overload, over voltage	EN 55022, EN61000-3-3	-20°C ~ +60°C	130×25×22 mm	0.12kg
PSV-20-12	20W		1.67A				140×31×24 mm	0.19kg
PSV-35-12	36W		3.00A				148×40×32 mm	0.31kg
PSV-60-12	60W		5.00A	short circuit, overload, over voltage, over temperature			163.5×42×32 mm	0.38kg
PSV-100-12	100W		8.50A	short circuit, overload, over voltage			190×52×37 mm	0.60kg

MCHQ-E 100~320W voltage (IP67)



Features

- european AC input voltage range
- built-in active PFC function
- cooling by free air convection
- fully encapsulated with IP67 level
- compliance to worldwide safety regulations for lighting
- 100 % full load burn-in test
- isolation class I
- wide operating temperature range (-40°C ~ +60°C)
- up to 5 years warranty



IP67 SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
MCHQ100V12-E	100W	12V	8.30 A	short circuit, overload, over voltage, over temperature	EN 55015, EN 61347-2-13, EN61000-3-2 Class C	-40°C ~ +60°C	212×46×38.3 mm	0.60 kg
MCHQ100V24-E		24V	4.20A					
MCHQ150V12-E	150W	12V	12.50A				190×61.5×36.5 mm	0.68 kg
MCHQ150V24-E		24V	6.25A					
MCHQ200V12-E	200W	12V	16.70A				220.8×61.5×36.5 mm	0.82 kg
MCHQ200V24-E		24V	8.30A					
MCHQ250V12-E	240W	12V	20.00A				225.8×61.5×36.5 mm	0.80 kg
MCHQ250V24-E	250W	24V	10.40A					
MCHQ320V12-E	300W	12V	25.00A				225.2×73.5×38 mm	1.00 kg
MCHQ320V24-E	320W	24V	13.30A					



POS-C 35~350W voltage



● Features

- constant voltage design
- universal AC input range
- low profile - 30 mm high
- 100 % full load burn-in test
- cooling by free air convection (except POS-350-12-C - cooling by forced air convection)



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight			
POS-35-5-C	36W	5V	7.00A	short circuit, overload, over voltage	EN 55024, EN61000-3-2	-20°C ~ +70°C	99×82×30 mm	0.20kg			
POS-35-12-C		12V	3.00A								
POS-35-24-C		24V	1.50A								
POS-50-5-C	50W	5V	10.00A								
POS-50-12-C	50.4W	12V	4.20A								
POS-50-24-C	52.8W	24V	2.20A								
POS-75-12-C	72W	12V	6.00A				0.30kg				
POS-75-24-C	76.8W	24V	3.20A								
POS-100-5-C	90W	5V	18.00A								
POS-100-12-C	102W	12V	8.50A	short circuit, overload, over voltage, over temperature	EN 55024, EN61000-3-2	-20°C ~ +70°C	129×97.5×30 mm	0.38kg			
POS-100-24-C	108W	24V	4.50A				159×97×30 mm	0.45kg			
POS-150-5-C	110W	5V	22.00A								
POS-150-12-C	150W	12V	12.50A								
POS-150-24-C	156W	24V	6.50A				short circuit, overload, over voltage	EN 55024, EN61000-3-2	-20°C ~ +70°C	215×115×30 mm	0.71kg
POS-200-12-C	204W	12V	17.00A								0.81kg
POS-200-24-C	211W	24V	8.80A								
POS-350-12-C	348W	12V	29.00A								
POS-350-24-C	350W	24V	14.60A								



DIN 15~100W voltage



Features

- can be installed on TS-35 / DIN Rail
- european AC input voltage range
- isolation class II (no earth pin)
- 100 % full load burn-in test
- cooling by free air convection
- excellent quality/price ratio
- 2 year warranty



LPS IP67 **CE**

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
DIN15W	15W	12V	1.25A	short circuit, overload, over voltage	EN 55022, EN61000-3-3	-20℃ ~ +60℃	130×25×22 mm	0.12kg
		24V	0.63A					
DIN30W	30W	12V	2.50A	short circuit, overload, over voltage, over temperature			140×31×24 mm	0.19kg
		24V	1.25A					
DIN60W	60W	12V	5.00A				148×40×32 mm	0.31kg
		24V	2.50A					
DIN100W	99.6W	12V	8.33A				163.5×42×32 mm	0.38kg
		24V	4.15A					

MDIN 20~100W voltage

Features

- can be installed on DIN Rail TS-35/7.5 or 15
- 100 % full load burn-in test
- universal input voltage range
- DC ok signal (Relay type) (except MDIN20W - Open collector type)
- cooling by free air convection
- up to 2 years warranty



LPS SELV **CE**

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
MDIN20W	20W	12V	1.67A	short circuit, overload, over voltage, over temperature	EN 55032, EN61000-3-2	-20°C ÷ +50°C	100×94×23 mm	0.15kg
	24W	24V	1.00A					
MDIN40W	40W	12V	3.33A				100×90×40 mm	0.30kg
		24V	1.70A					
MDIN60W	60W	12V	5.00A					0.28kg
		24V	2.50A					
MDIN100W	96W	24V	4.00A					0.30kg

POS 15~500W voltage



● Features

- cooling by free air convection
- 100 % full load burn-in test
- LED signaling activation
- adjustable output voltage
- up to 2 years warranty



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
POS-15-12	15W	12V	1.25A	short circuit, overload	EN 55022, EN61000-4-2	-5°C ~ +45°C	98×97×35 mm	0.30 kg
MS-25-12	25W		2.10A	short circuit, overload, over temperature		-10°C ~ +50°C	85×58×32 mm	0.18 kg
POS-35-12	34.8W		2.90A	short circuit, overload		-5°C ~ +45°C	130×98×38 mm	0.38 kg
POS-60-12*	60W		5.00A				159×97×37 mm	0.46 kg
POS-75-12*	75W		6.25A				159×97×37 mm	0.48 kg
POS-100-12	99.6W		8.30A				159×97×37 mm	0.60 kg
POS-150-12*	150W		12.50A				198×109×50 mm	0.74 kg
POS-200-12*	199.2W		16.60A				198×109×50 mm	0.86 kg
POS-240-12	240W		20.00A				215×115×50 mm	0.88 kg
POS-350-12*	348W		29.00A				215×115×51 mm	0.95 kg
POS-500-12*	480W	40.00A	short circuit, overload, over voltage, over temperature	-10°C ~ +50°C	241×124×64 mm	1.40 kg		

* available on request (ask your sales representative for details)





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