

2021



POWER SUPPLY PRODUCT CATALOGUE

www.pospower.pl



Brand

POS power supply are a complete solution for LED signage POS application as well as architectural, decorative and professional lighting applications.

Our product range, in total from 6W to 600W with up to **5 year warranty**, in an ever growing series list, includes unique products in terms of their shape and size, designed to fulfill the most up to date requirements of EMC and safety.

All products are tested in factory, prior to delivery for best reliability, and problem free experience for our customers.

We offer excellent cooperation conditions, sustainable business, stock availability and technical feedback for our partners with our R&D department and over **15 years of experience** on the power supply market.



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
SELV	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

EN 55015:2019 + A11:2020, 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 61000-3-2:2019, EN61000-3-3:2013 + A1:2019 ERP reg. EU 2019/2020 art.3	Limits for harmonic current emissions



Table of Contents

FTPC LED Driver (CV) 6W-320W Output Power	1
FTPC-L LED Driver (CV) 20W-75W Output Power	
FTPC-C LED Driver (CV) 8W-150W Output Power	2
FTPC-C2 LED Driver (CV) 30W-100W Output Power	3
FTPC LED Driver (CC) 12-60W Output Power	
FTPC-D LED Driver (CV) 30W-150W Output Power	4
FTPC-E LED Driver (CV) 30W-150W Output Power	
FTPC-FP LED Driver (CV) 6W-100W Output Power	5
FTPC-S-WP LED Driver (CV) 60W-150W Output Power	
FTPC-S LED Driver (CV&CC) 30W-240W Output Power	6
FTPC-S2 LED Driver (CV) 60W-200W Output Power	7
FTPC-S-PCT-PDS LED Driver (CV) 100W-150W Output Power	
FTMC-DA/FTPC-DA-WP/FTPC-DA LED Driver (CV) 60W-150W Output Power	8

FTPC-ZIGBEE-CB LED Driver (CV) 75W Output Power	9
FTPC-ZIGBEE LED Driver (CV) 100W Output Power	
FTPC SERIES SENSORS SIK-IR / SIM-IR / SIL-PIR	10
FTPC SERIES SENSORS SOM-T / SOA-IR / SOL-PIR	11
MCHQ-GA LED Driver (CV) 50W-240W Output Power	12
POS-DA LED Driver (CV) 75W-150W Output Power	
POS-C LED Driver (CV) 35W-350W Output Power	13
DIN LED Driver (CV) 15W-100W Output Power	14
MDIN LED Driver (CV) 20W-100W Output Power	
POS Adapter Series 2.75-36W Output Power	15
POSB Desktop Series 12-60W Output Power	
POSB Adapter Series 6-36W Output Power	16
POSC Desktop Series 36-120W Output Power	17
POSC Adapter Series 5-24W Output Power	

FTPC 6~320W voltage (IP20)



Features

- built-in active PFC function (30W~320W)
- 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
FTPC6V12	6W	12V	0.50A	short circuit, overload, over temperature	EN55015, EN61347-2-13	-20℃ ~ +45℃	98.4×32.8×11 mm	0.04 kg
FTPC8V12	8W	12V	0.67A				94.5×46.2×19.5 mm	0.06 kg
FTPC15V12	15W	12V	1.25A				123×44×19.2 mm	0.07 kg
FTPC150V12	132W	12V	11.00A				180×65.5×31.2 mm	0.45 kg
FTPC150V24	150W	24V	6.25A				180×65.5×31.2 mm	0.45 kg
FTPC200V12	180W	12V	15.00A	short circuit, overload, over voltage, over temperature	EN55015, EN61347-2-13, EN61000-3-2 Class C		195×67×31.5 mm	0.50 kg
FTPC200V24	200W	24V	8.33A				195×67.1×31.2 mm	0.50 kg
FTPC250V12	216W	12V	18.00A					
FTPC250V24	250W	24V	10.40A					
FTPC320V12	260W	12V	21.70A					
FTPC320V24	319W	24V	13.30A				215×77.5×35 mm	0.86 kg

FTPC-L 20~75W voltage (IP20)

Features

- wide operating temperature range (-20°C ~ +45°C)
- isolation class II
- compliance to ERP directive
- lifetime 50 000hrs



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC20V12-L	20W	12V	1.67A	open circuit, short circuit, overload, over temperature	IEC61347-1, IEC61347-2-13, EN55015, EN61547, EN61000-3-2 Class C, EN61000-3-3, EN62493, EN1194-2012	-20°C ~ +45°C	123×44.6×19.2mm
FTPC20V24-L		24V	0.83A				
FTPC30V12-L	30W	12V	2.5A				123×44.6×19.2mm
FTPC30V24-L		24V	1.25A				
FTPC50V12-L	50W	12V	4.16A				149×40.4×26.7mm
FTPC50V24-L		24V	2.08A				
FTPC75V12-L	75W	12V	6.25A				170×44.5×28.2mm
FTPC75V24-L		24V	3.125A				

FTPC-C 8~150W voltage (IP20)



Features

- built-in active PFC function (30W~150W)
- 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	EN55015, EN61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	67×33×20mm	0.045kg
FTPC8V24-C		24V	0.33A					
FTPC12V12-C	12W	12V	1.00A	short circuit, overload, over temperature			98.5×46×11.5mm	0.06kg
FTPC12V24-C		24V	0.50A					
FTPC15V12-C	15W	12V	1.25A	short circuit, over current			103×35.5×16.5mm	0.40kg
FTPC20V12-C	20W	12V	1.67A	short circuit, overload, over temperature			103×35.5×16mm	0.06kg
FTPC20V24-C		24V	0.84A					
FTPC30V12-C	30W	12V	2.50A	short circuit, over current			156×50×17mm	0.15kg
FTPC30V24-C		24V	1.25A					
FTPC50V12-C	50W	12V	4.20A	short circuit, over current, overload, over temperature			160×58×18mm	0.16kg
FTPC50V24-C		24V	2.08A					
FTPC75V12-C	70W	12V	5.83A				170×44.5×28.2mm	0.25kg
FTPC75V24-C	75W	24V	3.13A					
FTPC100V12-C	100W	12V	8.33A	short circuit, overload, over temperature			180×65.5×31.2mm	0.45kg
FTPC100V24-C		24V	4.16A					
FTPC150V12-C	132W	12V	11.00A	short circuit, overload, over temperature			177×56.4×17.2mm	0.27kg
FTPC150V24-C	150W	24V	6.25A					



FTPC-C2 20~100W voltage (IP20)



Features

- input voltage range: 198-264VAC
- input frequency: 50/60Hz
- smaller housing
- higher cost-effectiveness
- over temperature protection
- up to 5 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC20V12-C2	20W	12V	1.67A	short circuit, overload, over temperature	EN55015, EN61000-4-2,	-20°C ÷ +45°C	154×50×14mm
FTPC20V24-C2		24V	0.83A				
FTPC30V12-C2	30W	12V	2.50A		EN55015, EN61000-3-2,		154×50×14mm
FTPC30V24-C2		24V	1.25A				
FTPC50V12-C2	50W	12V	4.16A				159.9×57.8×18mm
FTPC50V24-C2		24V	2.08A				
FTPC60V12-C2	60W	12V	5.00A				159.9×57.8×18mm
FTPC60V24-C2		24V	2.50A				
FTPC75V12-C2	75W	12V	6.25A				164×56.4×16.8mm
FTPC75V24-C2		24V	3.12A				
FTPC100V12-C2	100W	12V	8.33A				164×56.4×16.8mm
FTPC100V24-C2		24V	4.17A				

FTPC 12~60W current (IP20)

Features

- constant current design
- 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC12C350	11.9W	0~34V	350mA	short circuit, over temperature	EN55015, EN61347-2-13	-20℃ ~ +45℃	127×50×10mm	0.05kg
FTPC15C350	15.05W	30~43V	350mA				128×51×14mm	0.07kg
FTPC20C350	19.6W	30~56V	350mA				159×58×18mm	0.11kg
FTPC20C700	20.3W	14~29V	700mA					
FTPC30C700	29.9W	21~43V	700mA		160×58×18mm		0.16kg	
FTPC40C700	39.9W	29~57V	700mA		159×58×18mm		0.18kg	
FTPC40C1050		19~38V	1050mA					
FTPC60C700	60.2W	43~86V	1050mA		EN55015, EN61347-2-13, EN61000-3-2 Class C		185×64×22mm	0.40kg
FTPC60C1050	59.8W	28~57V	1400mA					
FTPC60C1400	59.5W	21~42V	2100mA					
FTPC60C2100	59.8W	14~28V	2100mA					

FTPC-D 30~150W voltage (IP20)



Features

- constant voltage + constant current design
- european AC input 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
- up to 5 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight		
FTPC30V12-D	30W	12V	2.50A	short circuit, overload, over voltage, over temperature	EN55015, EN61347-2-13, EN61000-3-2	-20℃ ~ +45℃	159×46×18mm	0.20kg		
FTPC30V24-D		24V	1.25A				177×57.8×21.8mm			
FTPC50V12-D	50W	12V	4.16A				170×56.8×31mm	0.25kg		
FTPC50V24-D		24V	2.08A							
FTPC75V12-D	75W	12V	6.25A	short circuit, overload, over temperature						
FTPC75V24-D		24V	3.12A							
FTPC100V12-D	100W	12V	8.33A	short circuit, overload, over temperature			short circuit, overload, over voltage, over temperature			
FTPC100V24-D		24V	4.17A							
FTPC150V12-D	150W	12V	11A	short circuit, overload, over voltage, over temperature						
FTPC150V24-D		24V	6.25A							

FTPC-E 30~150W voltage (IP20)

Features

- european AC input range
- built in active PFC function
- isolation class II
- approved for installation directly on wood
- 5 years warranty
- wide operating temperature range (-20°C ~ +45°C)



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	EN55015, EN61347-2-13, EN61000-3-2	-20°C ~ +45°C	195×67.1×31.2mm	0.14kg	
FTPC30V24-E		24V	1.25A						
FTPC60V12-E	60W	12V	5.00A				170×44.5×28.2mm	0.24kg	
FTPC60V24-E		24V	2.50A						
FTPC100V12-E	100W	12V	8.33A	short circuit, overload, over voltage, over temperature			179.4×62.5×30.6mm	0.40kg	
FTPC100V24-E		24V	4.17A						
FTPC150V12-E	150W	12V	12.50A						
FTPC150V24-E		24V	6.25A						0.42kg

FTPC-FP 6~100W voltage (IP44)



● Features

- 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
- up to 5 years warranty
- approved for installation directly on wood



SELV CE

Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC6V12-FP	6W	12V	0.50A	Over current, short circuit, over temperature	EN55015, EN61347-2-13, EN61000-3-2	-20°C ~ +45°C	132×52×12mm
FTPC6V24-FP		24V	0.25A				
FTPC12V12-FP	12W	12V	1.00A				130×41.5×15mm
FTPC12V24-FP		24V	0.50A				
FTPC15V12-FP	15W	12V	1.25A				127×44×14.5mm
FTPC15V24-FP		24V	0.62A				
FTPC20V12-FP	20W	12V	1.67A				158×51×17.3mm
FTPC20V24-FP		24V	0.83A				
FTPC30V12-FP	30W	12V	2.50A	Over current, over load, short circuit, over temperature			172×59.5×18.5mm
FTPC30V24-FP		24V	1.25A				
FTPC60V12-FP	60W	12V	5A				167.5×52.8×17.5mm
FTPC75V12-FP	75W		6.25A				
FTPC100V12-FP	100W		8.33A				

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

● Features

- 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



SELV IP66



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC60V12-S-WP	60W	12V	5.00A	short circuit, overload, over voltage, over temperature	EN55015, EN61347-2-13, EN61000-3-2	-20°C ~ +45°C	339×30×18mm	0.31kg
FTPC60V24-S-WP		24V	2.50A			-20°C ~ +50°C	356×30×20mm	0.33kg
FTPC100V12-S-WP	100W	12V	8.33A			-20°C ~ +45°C	356×30×23mm	0.42kg
FTPC100V24-S-WP		24V	4.17A					
FTPC150V12-S-WP	132W	12V	11.00A					
FTPC150V24-S-WP	150W	24V	6.25A					

FTPC-S 30~240W voltage & current slim (IP20)



Features

- built-in active PFC function
- 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



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	EN55015, EN61347-2-13, EN61000-3-2 Class C	-20°C ~ +45°C	251×30×16mm	0.115kg	
FTPC30V24-S		24V	1.25A						
FTPC60V12-S	60W	12V	5.00A	short circuit, overload			304.5×30×17mm	0.165kg	
FTPC60V24-S		24V	2.55A						
FTPC75V12-S	75W	12V	6.25A	short circuit, overload, over voltage, over temperature			304.6×30×16.7mm	0.20kg	
FTPC75V24-S		24V	3.13A						
FTPC100V12-S	100W	12V	8.33A	short circuit, overload, over voltage, over temperature			321×30×18.5mm	0.25kg	
FTPC100V24-S		24V	4.17A						
FTPC150V12-S	132W	12V	11.00A				323×30×22mm	0.30kg	
FTPC150V24-S	150W	24V	6.25A						
FTPC200V12-S	180W	12V	15.00A				356.4×32.1×22.3mm	0.34kg	
FTPC200V24-S	199.2W	24V	8.33A						
FTPC240V24-S	240W		10.00A						
FTPC30C350-S	30.1W	43~86V	350mA				short circuit	251×30×16mm	0.115kg
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-S2 60~200W voltage (IP20)



Features

- high reliability
- for indoor use
- power factor measured at AC230V and full load
- over heat protection (**FTPC200V24-S2**)
- up to 3 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC60V12-S2	60W	12V	5.0A	open circuit, short circuit, over load,	EN55015 EN61000-3-2 EN61000-3-3 EN61347-1 EN61547	+45°C ~ +90°C	304.6×30×16.7mm
FTPC60V24-S2	60W	24V	2.5A				322.6×30.1×21.5mm
FTPC200V24-S2	200W		8.33A				

FTPC-S-PCT-PDS 100~150W voltage (IP20)

Features

- PCT – push-clamp terminal
- PDS – push-dimming secondary side
- constant voltage design
- european AC input range
- cooling by free air convection
- up to 3 years warranty
- compliance to worldwide regulations for lighting
- isolation class II
- extremely short and slim case size



SELV



Model	Power	Voltage range	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC100V12-S-PCT-PDS	100W	12V	8.33A	over current short circuit over voltage	EN61347-1, EN61347-2-13, EN55015, EN61000-4-2,3,4,5,6	-20°C ÷ +55°C	302×30×16.75mm	0,40kg
FTPC100V24-S-PCT-PDS		24V	4,16A					
FTPC150V12-S-PCT-PDS	150W	12V	11A					
FTPC150V24-S-PCT-PDS		24V	6,25A					

FTMC-DA/FTPC-DA-WP/ FTPC-DA

60~150W voltage (IP30) (IP67 - FTPC-DA-WP)



● Features

- input voltage range: 180-264VAC
- cooling by free air convection
- DALI 2 IEC62386
- overheat protection
- 3 years warranty



SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Body
FTMC60V12-DA	60W	12V	5.00A	open circuit, short circuit, overload, over temperature	EN55015, EN61000-3-2, DALI 2 IEC62386	-20°C ÷ +45°C	Tinplate
FTMC60V24-DA		24V	2.50A				
FTMC100V12-DA	100W	12V	8.33A				Aluminium
FTMC100V24-DA		24V	4.17A				
FTMC150V12-DA	150W	12V	11.00A				Plastic
FTMC150V24-DA		24V	6.25A				
FTPC60V12-DA-WP	60W	12V	5.00A				Aluminium
FTPC60V24-DA-WP		24V	2.50A				
FTPC100V12-DA-WP	100W	12V	8.33A				Aluminium
FTPC100V24-DA-WP		24V	4.17A				
FTPC150V12-DA-WP	150W	12V	11.00A				Plastic
FTPC150V24-DA-WP		24V	6.25A				
FTPC60V12-DA	60W	12V	5.00A				Aluminium
FTPC60V24-DA		24V	2.50A				
FTPC100V12-DA	100W	12V	8.33A				Plastic
FTPC100V24-DA		24V	4.17A				
FTPC150V12-DA	150W	12V	11.00A				Plastic
FTPC150V24-DA		24V	6.25A				



FTPC-ZIGBEE-CB 75W voltage (IP20)



Features

- zigbee wireless communication protocol
- compatible with ZHA1.2 international standard
- brightness adjustment from 1-100%
- works with constant voltage 12-24V LED drivers
- open circuit / short circuit



Model	Power	Voltage range	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC75-ZIGBEE-CB	75W	12V	6.25A	over current short circuit	EN61347-1 EN61347-2-13	-40°C ÷ +50°C	72×31.8×16.8mm
	150W	24V					

FTPC-ZIGBEE 100W voltage (IP20)

Features

- constant voltage design
- cooling by free air convection
- compliance to worldwide regulations for lighting
- suitable to Zigbee Home Automation 1.2 Protocol



Model	Power	Voltage range	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC100V24-ZIGBEE	100W	24V	4.17A	over current overload short circuit over temp.	EN55015 EN61547 EN61000-3-3 EN61000-3-2	-20°C ÷ +45°C	219.5×56.4×16.8mm

FTPC series sensors (IP20)



FTPC-SIK-IR

Features

- isolated switch controller with infrared sensor
- infrared sensor will react to short contact with human hands or objects
- when targets are within its detection range, the controller will be opened
- when targets are out of its detection range, it will be closed



FTPC-SIK-IR+S101 - Input side electronic IR sensor switch (Line Voltage) for control of cabinet light, detection range < 5 m. Prim: 100-240VAC + probe.

Voltage range input	Output current	Output power (max.)	No-load power consumption	Working temperature	Application
100-240VAC 50 / 60Hz	1A	250VA	< 0.5W	-20°C ≤ Ta ≤ 50°C	-20°C ÷ +45°C

FTPC-SIM-IR

Features

- isolated switch controller with infrared sensor
- infrared sensor will react to short contact with human hands or objects
- when targets are within its detection range, the controller will be opened
- target is within its detection range again, it will be opened repeating the cycle



FTPC-SIM-IR+S101 - Input side electronic IR sensor switch (Low Voltage), detection range < 5 cm. Prim: for mirror lighting + probe.

FTPC-SIM-IR+S105+S104 - Input side electronic IR sensor switch (Low Voltage), detection range < 5 cm. Prim: for mirror lighting + probe + relay.

Voltage range input	Output current	Output power (max.)	No-load power consumption	Working temperature	Application
100-240VAC 50 / 60Hz	1A	250VA	< 0.5W	-20°C ≤ Ta ≤ 50°C	-20°C ÷ +45°C

FTPC-SIL-PIR

Features

- isolated switch controller with infrared sensor
- pyroelectric sensors respond to human movement
- when the sensor detects that the target moves within its detection range, it will be closed
- the closing duration is 10s-3min
- The duration can be adjusted by turning the potentiometer on the product case
- When the delay is complete, it disconnects.



FTPC-SIL-PIR+S103 - Human-body detection PIR sensor (Line Voltage), detection range < 2.5 m / 80 degree / 10s - 2 3 min +probe.

Voltage range input	Output current	Output power (max.)	No-load power consumption	Working temperature	Application
100-240VAC 50 / 60Hz	1A	250VA	< 0.5W	-20°C ≤ Ta ≤ 50°C	-20°C ÷ +45°C

FTPC series sensors (IP20)



FTPC-SOM-T

● Features

- touch sensor controller with functions of dimming
- CCT change and power-on heating element systems
- it is suitable for mirror backlighting series products, or other touch sensor dimming control products



FTPC-SOM-T+S104 - Touch sensor (Low Voltage) with memory function, used behind mirror, for mirrors < 5 mm + relay.

Voltage range input	Rated load	Mirror thickness	Colour temp. variation range CCT	Working temperature	Dimming range	Heating element	Application
12VDC / 24VDC	2 x 30W / 2 x 60W	≤ 5mm	0% ~ 100%	-20°C ≤ Ta ≤ 50°C	5% ~ 100%	Start-up	-20°C ÷ +45°C

FTPC-SOA-IR

● Features

- LED light controller with infrared induction detector, dimming and heating defogging function
- the infrared sensor will react to short distance contact of hands or objects
- there are three modes: **cabinet mode (ON/OFF)**, **mirror mode (ON/OFF)**, **mirror mode (ON/OFF + dimming)**



FTPC-SOA-IR+S102 - Output side IR sensor (Low Voltage) for cabinet or mirror light, detection range <5 cm + probe.

Voltage range input	Output current	Load (max.)	Dimming range	Working temperature	Application
12VDC / 24VDC	6,25A	12V / 75W / 24V / 150W	2% ~ 100%	-20°C ≤ Ta ≤ 50°C	wing cabinets, sliding cabinets, drawers and mirrors

FTPC-SOL-PIR

● Features

- LED light controller with pyroelectric sensors
- there are two kinds of output connection modes to select: **metal terminal** and **connector**
- pyroelectric sensors respond to human movement
- when the sensor detects that the target moves within its detection range, it will be closed
- when the delay is complete, it disconnects



FTPC-SOL-PIR+S103 - Output side Human-body detection PIR sensor (Low Voltage), detection range < 2,5 m / 80 degree / 10s-3min + probe.

Voltage range input	Output current	Load (max.)	Delay time	Working temperature	Application
12VDC / 24VDC	6,25A	12V / 75W / 24V / 150W	10s - 3min	-20°C ≤ Ta ≤ 50°C	corridors

MCHQ-GA 50~240W voltage

(IP65) - MCHQ50V12/24-GA (IP67) - Others



Features

- universal AC input / Full range(Max 305VAC)
- built-in active PFC function
- suitable for dry, humid and rainy environment
- adopt metal shell and internal glue filling, can be used in dangerous situations
- built-in lightning protection device can meet the requirements of DM 4KV / CM 6KV
- compliance to worldwide safety regulations for lighting
- 5 years warranty



IP65 IP67 SELV



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
MCHQ50V12-GA	50W	12V	4.16A	short circuit, overload, over voltage, over temperature	EN55015, EN61347-2-13, EN61000-3-2 Class C	-40°C ~ +60°C	157×40.9×36.5mm
MCHQ50V24-GA		24V	2.08A				
MCHQ80V12-GA	75W	12V	6.66A				172×56.9×36.5mm
MCHQ80V24-GA		24V	3.33A				
MCHQ100V12-GA	100W	12V	8.33A				173×63×38mm
MCHQ100V24-GA		24V	4.17A				
MCHQ150V12-GA	150W	12V	12.5A				193.6×63×38mm
MCHQ150V24-GA		24V	6.25A				
MCHQ200V12-GA	192W	12V	16A				216×63×37mm
MCHQ200V24-GA	200W	24V	8.3A				
MCHQ240V12-GA	216W	12V	18A				220.6×62.5×41.3mm
MCHQ240V24-GA	240W	24V	10A				

POS-DA 75~150W voltage (IP20)



Features

- convert DALI signal to PWM
- built-in push dimming
- comply to DALI standard (IEC62386-101,102,207)
- dimming range 0.1% - 100%
- IP20 protection degree
- up to 2 years warranty



SELV CE

Model	Power	Voltage range	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
POS-DA01	75W	12V	6.25A	over current	EN61347-2-13, 62386-101,102,207	-40°C ÷ +50°C	78×39.8×16mm	0.396kg
	150W	24V						

POS-C 35~350W voltage (IP20)



● Features

- constant voltage design
- universal AC input range
- low profile - 30mm high
- 100 % full load burn-in test
- up to 3 years warranty
- 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	EN55024, EN61000-3-2	-20℃ ~ +70℃	99×82×30mm	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				99×97×30mm	0.30kg	
POS-75-24-C	76.8W	24V	3.20A						
POS-100-5-C	90W	5V	18.00A	129×97.5×30mm			0.38kg		
POS-100-12-C	102W	12V	8.50A						
POS-100-24-C	108W	24V	4.50A						
POS-150-5-C	110W	5V	22.00A	short circuit, overload, over voltage, over temperature					159×97×30mm
POS-150-12-C	150W	12V	12.50A						
POS-150-24-C	156W	24V	6.50A						
POS-200-12-C	204W	12V	17.00A		215×115×30mm	0.71kg			
POS-200-24-C	211W	24V	8.80A						
POS-350-12-C	348W	12V	29.00A						
POS-350-24-C	350W	24V	14.40A						0.81kg



DIN 15~100W voltage (IP20)



● Features

- can be installed on TS-35 / DIN Rail
- EU 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  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	EN55022, EN61000-3-3	-20°C ~ +60°C	25×92.5×56mm	0.10kg
		15V	1.00A					
	15.1W	24V	0.63A					
DIN30W	30W	12V	2.50A	short circuit, overload, over voltage, over temperature	EN55022, EN61000-3-3	-20°C ~ +60°C	62.5×93×56mm	0.20kg
		15V	2.0A					
		24V	1.25A					
DIN60W	60W	12V	5.00A				78×93×56mm	0.27kg
		24V	2.50A					
DIN100W	99.6W	12V	8.30A				100×93×56mm	0.31kg
		24V	4.15A					

MDIN 20~100W voltage (IP20)

● Features

- cooling by free air convection
- 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)
- 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	EN55032, EN61000-3-2	-20°C ÷ +50°C	100×94×23mm	0.15kg
	24W	24V	1.00A					
MDIN40W	40W	12V	3.33A				100×90×40mm	0.28kg
		24V	1.70A					
MDIN60W	60W	12V	5.00A					0.30kg
		24V	2.50A					
MDIN100W	100W	12V	7.50A					0.41kg
	96W	24V	4.00A					

POS - ADAPTER series 2.75~36W



● Features

- Universal AC input / 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
POS05200A	10W	5V	2A	0°C ÷ 40°C	76.2×27.6×61.6mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POS05200A-MICRO						White	
POS05200A-WH							
POS05200A-WH13							
POS05200A-WHM	15W	5V	3A	0°C ÷ 40°C	46.5×23.3×55.1mm	Black	
POS06100A						6W	
POS06100A-WH	Black						
POS12050A	6W	12V	0.5A	0°C ÷ 40°C	38×25×88.6mm	White	
POS12050A-WH						Black	
POS12100A	12W	12V	1A		76.2×27.6×61.6mm	Black	
POS12120A							
POS12120A-WH	14.4W	12V	1.2A	-10°C ÷ 45°C	White		
POS12150A				0°C ÷ 40°C	Black		
POS12150A-WH	18W	12V	1.5A	-10°C ÷ 45°C	White		
POS24050A				0°C ÷ 40°C	61.6×27.6×38.86mm	Black	
POS24150A	36W	24V	1.5A				
POS05055A	2.75W	5V	0.55A	0°C ÷ 45°C	37.37×23.56×54.37mm		
POS05100A	5W	5V	1A				
POS05200A-13	10W	5V	2A				

POSB - DESKTOP series 12~60W

● Features

- Universal AC input / 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
POSB12100D	12W	12V	1A	0°C ÷ 40°C	67×43.5×74mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSB12200D	24W		2A		96×68×31mm		
POSB12300D	36W		3A		93.58×46.57×70.1mm		
POSB12500D	60W		5A		115×74×31mm		

POSB - ADAPTER series 6~36W



● Features

- Universal AC input / 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
POSB05200A	10W	5V	2A	0°C ÷ 45°C	67×38×74mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSB05200A-MICRO						White	
POSB05200A-WHMICRO						Black	
POSB05210A-2USB	10.5W	5V	2.1A	0°C ÷ 35°C	37.1×24.2×75.3mm	Black	
POSB05310A-2USB	15W	5V	3A		46.5×23.3×55.1mm		
POSB06100A-WH	6W	6V	1A	0°C ÷ 45°C	67×43.5×74mm	White	
POSB09100A-WH	9W	9V	1A				
POSB12050A	6W	12V	0.5A	0°C ÷ 45°C	67×38×74mm	Black	
POSB12050A-WH						White	
POSB12100A-25	12W	12V	1A	-10°C ÷ 45°C	67×43.5×74mm	Black	
POSB12100A-WH						White	
POSB12100A-WH25						Black	
POSB12150A	18W	12V	1.5A	-10°C ÷ 45°C	67×43.5×74mm	Black	
POSB12150A-WH						White	
POSB12200A	24W	12V	2A	-10°C ÷ 45°C	67×38×74mm	Black	
POSB12200A-25					68×38×74mm		
POSB12200A-25L					69×38×74mm		
POSB12200A-E1/U1/U2/A3					71.5×43.5×31.5mm		
POSB12200A-WH					67×46.5×74mm	White	
POSB12200A-WH25							
POSB12250A-WH	30W	12V	2.5A	0°C ÷ 45°C	93.58×46.57×70.1mm	White	
POSB12300A-WH	36W	12V	3A	-10°C ÷ 45°C			
POSB24050A	12W	24V	0.5A	0°C ÷ 45°C	67×43.5×74mm	Black	
POSB24100A-E1/U1/U2/A3	24W	24V	1A	-10°C ÷ 45°C	71.5×43.5×31.5mm		
POSB24150A	36W	24V	1.5A	0°C ÷ 45°C	93.58×46.57×70.1mm		

POSC - DESKTOP series 36~120W



Features

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



Model	Power	Voltage	Current	Working temperature	Dimensions (L×W×H)	Color	Safety & EMC
POSC12300D-C8	36W	12V	3A	-5°C ÷ 40°C	115×50×30mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POSC12333D-C14	40W		3.34A				
POSC12500D-C8	60W		5A		121.3×53.6×31.2mm		
POSC12500D-C14							
POSC121000D-C14	120W		10A		152.4×64.0×35.0mm		

POSC - ADAPTER series 5~24W

Features

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



Model	Power	Voltage	Current	Working temperature	Dimensions (L×W×H)	Color	Safety & EMC
POSC05100A-USB	5W	5V	1A	-5°C ÷ 40°C	56×28×42mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3,-4,-5
POSC05100A-USB-WH						White	
POSC12050A	6W	12V	0.5A			Black	
POSC09100A	9W	9V	1A				
POSC05200A-MICRO	10W	5V	2A				
POSC12100A	12W	12V	1A				
POSC05300A	15W	5V	3A				
POSC12200A	24W	12V	2A		69.4×30×64.1mm		
POSC24100A		24V	1A				

Notes





www.pospower.pl

Distributor: