2022



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.



New headquarters in Zabrze

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Safety marks

CE	CE mark of conformity
M M	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)
110	Maximum value suface 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 interferenec 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

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FTPC 180~320W 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC200V12	180W	12V	15.00A	short circuit, overload, over voltage, over temperature	EN61347-1, EN61347-2-13, EN55015, EN61547, EN61000-3-3, EN61000-3-2	-20°C ÷ +45°C	195×67×31.5 mm	0.50 kg
FTPC200V24	200W	24V	8.33A					
FTPC250V12	216W	12V	18.00A				195×67.1×31.2 mm	0.50 kg
FTPC250V24	250W	24V	10.40A					
FTPC320V12	260W	12V	21.70A				215×77.5×35 mm	0.86 kg
FTPC320V24	319W	24V	13.30A					

FTPC-C 30~150W 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC30V12-C	30W	12V	2.50A	short circuit, over current	EN61347-1, EN61347-2-13, EN55015, EN55024, EN61547, EN61000-4-2, -3, -4, -5, -6, -8, -11	-20°C ÷ +45°C	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	short circuit, over current, overload, over temperature	EN 61347-1, EN 61347-2-13, EN 62493, EN 55015, EN 61547, EN 61000-3-3; EN 61000-3-2		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	EN 61347-1, EN 61347-2-13, EN 55015, EN 61547		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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC20V12-C2	20W	12V	1.67A	short circuit, overload, over temperature	EN 61347-1, EN 61347-2-13, EN55015, EN61547, EN61000-4-2, 3, 4, 5, 6	-20°C ÷ +45°C	154×50×14mm
FTPC20V24-C2		24V	0.83A				
FTPC30V12-C2	30W	12V	2.50A		EN61347-1, EN61347-2-13, EN55015, EN55024, EN61000-4-2, -3, -4, -5, -6, -8, -11;		154×50×14mm
FTPC30V24-C2		24V	1.25A				
FTPC40V12-C2	40W	12V	3.33A	short circuit, over voltage, overload, over temperature	EN61347-1, EN61347-2-13, EN 55015, EN61547, EN61000-3-2		154×50×14mm
FTPC40V24-C2		24V	1.67A				
FTPC50V12-C2	50W	12V	4.16A		EN 61347-1, EN 61347-2-13, EN 55015, EN61547, EN61000-4-2, 3, 4, 5, 6		159.9×57.8×18mm
FTPC50V24-C2		24V	2.08A				
FTPC60V12-C2	60W	12V	5.00A	short circuit, over current, overload, over temperature	EN61347-1, EN61347-2-13, EN55015, EN61547, EN61000-4-2, -3, -4, -5, -6, -8, -11, EN55024		159.9×57.8×18mm
FTPC60V24-C2		24V	2.50A				
FTPC75V12-C2	75W	12V	6.25A		EN 61347-1, EN 61347-2-13, EN 55015, EN61547, EN61000-4-2, 3, 4, 5, 6		164×56.4×16.8mm
FTPC75V24-C2		24V	3.12A				
FTPC100V12-C2	100W	12V	8.33A		EN61347-1, EN61347-2-13, EN55015, EN61547, EN61000-4-2, -3, -4, -5, -6, -8, -11, EN55024		164×56.4×16.8mm
FTPC100V24-C2		24V	4.17A				



FTPC-L 20~150W voltage (IP20)

Features

- Wide operating temperature range (-20°C ~ +45°C)
- Isolation class II
- Compilance to ERP directive
- Lifetime 50 000hrs



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, EN61000-3-3, EN62493	-20°C ~ +45°C	123×44.6×19.2mm
FTPC20V24-L		24V	0.83A				
FTPC30V12-L	30W	12V	2.50A				123×44.6×19.2mm
FTPC30V24-L		24V	1.25A				
FTPC40V12-L	40W	12V	3.33A				149×40.4×26.7mm
FTPC40V24-L		24V	1.67A				
FTPC50V12-L	50W	12V	4.16A				149×40.4×26.7mm
FTPC50V24-L		24V	2.08A				
FTPC60V12-L	60W	12V	5.00A				170×44.5×28.2mm
FTPC60V24-L		24V	2.50A				
FTPC75V12-L	75W	12V	6.25A				170×44.5×28.2mm
FTPC75V24-L		24V	3.125A				
FTPC100V12-L	100W	12V	7.50A				170×44.5×28.2mm
FTPC100V24-L		24V	4.17A				
FTPC150V12-L	150W	12V	11.00A				179×624.5×30.6mm
FTPC150V24-L		24V	6.25A				



FTPC-E 8~150W 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)



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC8V12-E	8W	12V	0.67A	short circuit, overload, over voltage	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ~ +45°C	94.5×46.2×19.5mm	0.06kg
FTPC8V24-E		24V	0.33A					
FTPC15V12-E	15W	12V	1.25A				103×35.5×16mm	0.05kg
FTPC15V24-E		24V	0.625A					
FTPC20V12-E	20W	12V	1.67A				103×35.5×16mm	0.06kg
FTPC20V24-E		24V	0.84A					
FTPC30V12-E	30W	12V	2.50A				149×40.4×26.7mm	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				179.4×62.5×30.6mm	0.42kg
FTPC150V24-E		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



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 ,EN61347-1, EN61347-2-13, EN61547, EN61000-4-2, -3, -4, -5, -6, -8, -11	-20°C ~ +45°C	251×30×16mm	0.115kg
FTPC30V24-S		24V	1.25A					
FTPC75V12-S	75W	12V	6.25A		EN61347-1, EN62493 EN61347-2-13, EN55015, EN61547		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	EN61347-1, EN 62493, EN61347-2-13, EN55015, EN61547		321×30×18.5mm	0.25kg
FTPC100V24-S		24V	4.17A					
FTPC150V12-S	132W	12V	11.00A		EN61347-1, EN61347-2-13, EN55015, EN61547		323×30×22mm	0.30kg
FTPC150V24-S	150W	24V	6.25A					
FTPC200V12-S	180W	12V	15.00A		EN61347-1, EN61347-2-13, EN62493, EN55015, EN61000-3-3, EN61000-3-2		356.4×32.1×22.3mm	0.34kg
FTPC200V24-S	199.2W	24V	8.33A					
FTPC240V24-S	240W		10.00A					

FTPC-S2 60~200W voltage (IP20)

Features

- High reliability
- For indoor use
- Power factor measured at AC230V and full load
- Overheat protection **(FTPC200V24-S2)**
- Up to 3 years warranty
- Extremely short and slim case size
- Compliance to worldwide regulations for lighting
- Cooling by free air convection



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC60V12-S2	60W	12V	5.00A	short circuit, overload, over temperature	EN61347-1, EN61347-2-13, EN55015, EN61547, EN61000-4-2, 3, 4, 5, 6	-20°C ÷ +45°C	304.6×30×16.7mm	0.16kg
FTPC60V24-S2	60W	24V	2.50A					
FTPC200V24-S2	200W		8.33A				322.6×30.1×21.5mm	0.35kg

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



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	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ~ +45°C	339×30×18mm	0.31kg
FTPC60V24-S-WP		24V	2.50A					
FTPC100V12-S-WP	100W	12V	8.33A			-20°C ~ +50°C	356×30×20mm	0.33kg
FTPC100V24-S-WP		24V	4.17A					
FTPC150V12-S-WP	132W	12V	11.00A			-20°C ~ +45°C	356×30×23mm	0.42kg
FTPC150V24-S-WP	150W	24V	6.25A					

FTPC-FP 30~100W 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC30V12-FP	30W	12V	2.50A	overload, short circuit, over temperature	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ~ +45°C	158×51×17.3mm	0.20kg
FTPC30V24-FP		24V	1.25A					
FTPC60V12-FP	60W	12V	5.00A		EN55015, EN61347-1, EN61347-2-13, EN61547, EN61000-4-2, 3, 4, 5, 6		172×59.5×18.5mm	0.26kg
FTPC60V24-FP		24V	2.50A					
FTPC75V12-FP	75W	12V	6.25A				172×59.5×18.5mm	0.26kg
FTPC75V24-FP		24V	3.13A					
FTPC100V12-FP	100W	12V	8.33A	over current, overload,short circuit, over temperature			167.5×52.8×17.5mm	0.23kg
FTPC100V24-FP		24V	4.17A					

FTPC-D 30~150W voltage (IP20)

Features

- Constant voltage + constand 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



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	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ~ +45°C	159×46×18mm	0.20kg
FTPC30V24-D		24V	1.25A					
FTPC50V12-D	50W	12V	4.16A				177×57.8×21.8mm	
FTPC50V24-D		24V	2.08A					
FTPC75V12-D	75W	12V	6.25A				170×56.8×31mm	0.25kg
FTPC75V24-D		24V	3.12A					
FTPC100V12-D	100W	12V	8.33A	short circuit, overload, over temperature	EN 62493, EN61347-1, EN61347-2-13, EN55015, EN61547		200.8×63×30mm	0.45kg
FTPC100V24-D		24V	4.17A					
FTPC150V12-D	150W	12V	11.00A	short circuit, overload, over voltage, over temp.			170×56.5×31mm	0.60kg
FTPC150V24-D		24V	6.25A					





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

60~240W 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Body
FTMC60V12-DA	60W	12V	5.00A	short circuit, over voltage, over current, 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				
FTMC100V24-DA		24V	4.17A				
FTMC150V12-DA	150W	12V	11.00A				
FTMC150V24-DA		24V	6.25A				
FTPC60V12-DA-WP	60W	12V	5.00A	short circuit, over current, over voltage, over temperature			Aluminium
FTPC60V24-DA-WP		24V	2.50A				
FTPC100V12-DA-WP	100W	12V	8.33A				
FTPC100V24-DA-WP		24V	4.17A				
FTPC150V12-DA-WP	150W	12V	11.00A				
FTPC150V24-DA-WP		24V	6.25A				
FTPC60V12-DA	60W	12V	5.00A	short circuit, over current, over voltage, over temperature			Plastic
FTPC60V24-DA		24V	2.50A				
FTPC100V12-DA	100W	12V	8.33A				
FTPC100V24-DA		24V	4.17A				
FTPC150V12-DA	150W	12V	11.00A				
FTPC150V24-DA		24V	6.25A				
FTPC200V12-DA	200W	12V	14.20A				
FTPC200V24-DA		24V	8.33A				
FTPC240V24-DA	240W	24V	10.00A				



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

Features

- PCT – push-in-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



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, over temp.	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ÷ +55°C	326×30×21.6mm	0.30kg
FTPC100V24-S-PCT-PDS		24V	4.16A					
FTPC150V12-S-PCT-PDS	150W	12V	11.00A			-20°C ÷ +45°C		
FTPC150V24-S-PCT-PDS		24V	6.25A					

FTPC-VFC **30-100W** voltage (IP30)

Features

- Input Voltage Range: 180-264VAC
- Input Frequency: 50/60Hz
- Body: PC
- L813 - male plug black / L815 - female socket black
- L814 - male plug white / L816 - female socket white



Model	Power	Voltage range	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
FTPC30V12-VFC-B or W	30W	12V	2.50A	Open circuit, short circuit, overload	EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3, EN61547, EN62493, EN1194-2012	45°C ÷ 85°C	179×52×16mm
FTPC30V24-VFC-B or W		24V	1.25A				
FTPC60V12-VFC-B or W	60W	12V	5.00A				191×58.4×18mm
FTPC60V24-VFC-B or W		24V	2.50A				
FTPC100V12-VFC-B or W	100W	12V	8.33A				191×58.4×18mm
FTPC100V24-VFC-B or W		24V	4.17A				

FTPC-VFP-B	Black output cable for FTPC-VFC-B; L=2m
FTPC-VFP-W	White output cable for FTPC-VFC-W; L=2m

FTPC-ZIGBEE-CB **75-150W** 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 VOICE CONTROLLERS / DIMMING MODULES

Model	Power	Voltage range	Current	Working temperature	Dimensions (L×W×H)
FTPC75-AA	75W	12V - 24V	6.25A	+30°C ÷ +75°C	72×31.8×16.8mm
FTPC75-AB					
FTPC75-BA					
FTPC75-BB					

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-CC 12~60W constant 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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
FTPC12C350	11.9W	0~34V	350mA	short circuit, over temperature	EN61347-1, EN61347-2-13, EN55015, EN61547	-20°C ~ +45°C	127×50×10mm	0.055kg
FTPC15C350	15.05W	30~43V	350mA				128×51×14mm	0.075kg
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	short circuit, over current, over voltage			185×64×22mm	0.40kg
FTPC60C1050	59.8W	28~57V	1400mA					
FTPC60C1400	59.5W	21~42V	2100mA					
FTPC60C2100	59.8W	14~28V	2100mA					



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.

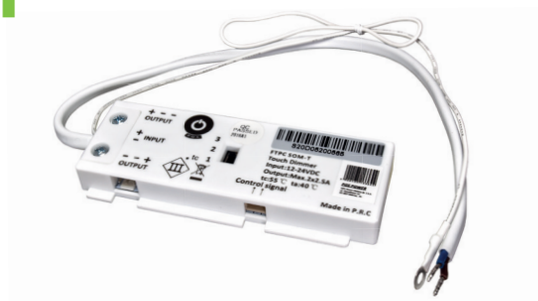
Voltage range input	Output current	Output power (max.)	No-load power consumption	Working temperature	Application
100-240VAC 50 / 60Hz	1A	250VA	< 0.5W	-20°C ≤ Ta ≤ 50°C	-20°C ÷ +45°C

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 50~320W voltage (IP65)

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 SELV CE

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	-40°C ~ +70°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				
MCHQ320V12-GA	264W	12V	22A				261×62.5×41.4mm
MCHQ320V24-GA	320W	24V	13.3A				



MCHQ-GE 100~320W voltage (IP67)

Features

- European AC input (180-305VAC)
- Built-in active PFC function
- Metal case
- Suitable for dry, humid and rainy environment
- Adopt metal shell and internal glue potting, can be used in dangerous situations
- Compilance to worldwide safety regulations for lighting
- 5 years warranty



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)
MCHQ100V12-GE	100W	12V	8.30A	short circuit, overload, over voltage, over temperature	EN61347-1, EN 61347-2-13, EN62493, EN55015	-40°C ~ +55°C	173×63×38mm
MCHQ100V24-GE		24V	4.20A				
MCHQ150V12-GE	150W	12V	12.50A				193.6×63×38mm
MCHQ150V24-GE		24V	6.25A				
MCHQ200V12-GE	200W	12V	16.60A				216×63×37mm
MCHQ200V24-GE		24V	8.33A				
MCHQ240V12-GE	216W	12V	18A				216×63×37mm
MCHQ240V24-GE	240W	24V	10.00A				
MCHQ320V12-GE	300W	12V	24.20A				261×62.5×41.4mm
MCHQ320V24-GE	320W	24V	13.30A				

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



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 hight
- 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)



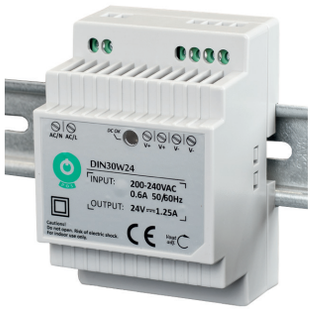
Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
POS-35-5-C	35W	5V	7.00A	short circuit, overload, over voltage	EN60950-1, EN55032, EN61000-3-2, EN61000-3-3, EN55024	-20°C ~ +70°C	99×82×30mm	0.20kg
POS-35-12-C	36W	12V	3.00A					
POS-35-24-C		24V	1.50A					
POS-50-5-C	50W	5V	10.00A				99×82×30mm	0.20kg
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				159×97×30mm	0.45kg
POS-150-12-C	150W	12V	12.50A					
POS-150-24-C	156W	24V	6.50A					
POS-200-12-C	204W	12V	17.00A	short circuit, overload, over voltage, over temperature			215×115×30mm	0.71kg
POS-200-24-C	211W	24V	8.80A					
POS-350-12-C	348W	12V	29.00A					0.81kg
POS-350-24-C	350W	24V	14.40A					



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



Model	Power	Voltage	Current	Protection	Safety & EMC	Working temperature	Dimensions (L×W×H)	Weight
DIN15W	15W	12V	1.25A	short circuit, overload, over voltage, over temperature	EN62368-1, EN55032, EN55035	-20°C ~ +50°C	25×92.5×56mm	0.10kg
		15V	1.00A					
		24V	0.63A					
DIN30W	30W	12V	2.50A				62.5×93×56mm	0.21kg
		15V	2.0A					
		24V	1.25A					
DIN60W	60W	12V	5.00A				78×93×56mm	0.24kg
		24V	2.50A					
DIN100W	99.6W	12V	8.30A				100×93×56mm	0.33kg
		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



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	EN62368-1, EN55032, EN55024	-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
POS05055A	2.75W	5V	0.55A	0°C ÷ 45°C	37.37×23.56×54.37mm	Black	EN 62368 EN55032 EN61000-3-3 EN61000-3-2 EN61000-4-2,-3, -4,-5
POS05100A	5W	5V	1.00A	0°C ÷ 45°C	37.37×23.56×54.37mm	Black	
POS05100A-MU							
POS05100A-MU-WH						White	
POS06100A	6W	6V	1.00A	0°C ÷ 25°C	37.75×23.55×52.2mm	Black	
POS06100A-WH						White	
POS12050A	6W	12V	0.50A	0°C ÷ 40°C	38×25×88.6mm	Black	
POS09100A	9W	9V	1.00A		76.2×27.6×61.6mm	Black	
POS05200A	10W	5V	2.00A		76.2×27.6×61.6mm	Black	
POS05200A-MICRO							
POS05200A-WHmicro						White	
POS05200A-WH							
POS12100A	12W	12V	1.00A		76.2×27.6×61.6mm	Black	
POS24050A	12W	24V	0.50A		61.6×27.6×38.86mm		
POS12120A	14.4W	12V	1.20A		69.1×27.6×78.86mm	Black	
POS12120A-WH					69.1×27.6×79.2mm	White	
POS05300A	15W	5V	3.00A		46.5×23.3×55.1mm	Black	
POS12150A	18W	12V	1.50A		69.1×27.6×79.2mm	Black	
POS12150A-WH						White	
POS12200A	24W	12V	2.00A		82.2×32.6×74.2mm	Black	
POS24100A	24W	24V	1.00A		82.2×32.6×74.2mm		
POS12300A	36W	12V	3.00A		86.9×35.2×89.6mm		
POS24150A	36W	24V	1.50A		89.6×35.1×49.5mm		

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

POSC - ADAPTER series 5~36W

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

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		

POSC - DESKTOP series 24~120W

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

Notes

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