



Product Service

CERTIFICATE

No. B 057396 0553 Rev. 00

Model(s): ECP130PSxx, where 'xx' can be any number between 12 and 48, may be followed by additional suffixes denoting non-safety options

Brand Name: XP



Parameters:

Rated Input: 100-240 Vac
 Rated Input Current: 1.5 A
 Rated Input Frequency: 50/60 Hz
 DC Output Ratings: See table for output ratings
 Elevation for use: 0-5000 m for above sea level
 Protection Class: Class I determined in end product or Class II
 Maximum temperature, ambient: 50°C with 100% rated output

General Product information:

The model covered in this report is a component power supply intended for use in Audio/video, information and communication technology equipment. It is an open frame power supply intended for building-in Class I or Class II end-products.

Rated Outputs for Models:

Model Number	Convictional Cooling			Forced Air	
	Max Output @50°C (100W Max)	Max Output @70°C (50W Max)	Max Output @80°C (30W Max)	Max Output @50°C (130W Max)	Max Output @70°C (65W Max)
ECP130PS12	100W, 8.33A	50W, 4.16A	30W, 2.50A	130W, 10.83A	65W, 5.42A
ECP130PS15	100W, 6.66A	50W, 3.33A	30W, 2.00A	130W, 8.66A	65W, 4.33A
ECP130PS18	100W, 5.55A	50W, 2.77A	30W, 1.66A	130W, 7.22A	65W, 3.61A
ECP130PS24	100W, 4.16A	50W, 2.08A	30W, 1.25A	130W, 5.41A	65W, 2.71A
ECP130PS28	100W, 3.57A	50W, 1.78A	30W, 1.07A	130W, 4.64A	65W, 2.32A
ECP130PS36	100W, 2.77A	50W, 1.38A	30W, 0.830A	130W, 3.61A	65W, 1.80A
ECP130PS48	100W, 2.08A	50W, 1.04A	30W, 0.265A	130W, 2.70A	65W, 1.35A

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Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- Proper bonding to the end-product main protective earthing termination is: required when the power supply is used in a Class I end product.
- An investigation of the protective bonding terminals has: not been conducted.
- The following input terminals/connectors must be connected to the end-product supply neutral : CN1
- The following end-product enclosures are required : Fire, Electrical
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C) : TR1 (Class B, 130°C)
- The investigated Pollution Degree is : 2
- The maximum investigated branch circuit rating is : 20 A
- The following output circuits are at PS3 energy levels : All DC Outputs
- The following output circuits are at ES1 energy levels : All DC Outputs
- The following product-line tests are conducted for this product : Electric Strength
- Prospective Touch Current and Voltage testing to be conducted in the end-product evaluation.
- Safeguards against capacitor discharge after disconnection of a connector (clause 5.5.2.2) shall be evaluated in the end-product.
- The required clearance values have been assessed for suitability up to 5000 m elevation (1.48 correction factor as per IEC 60664-1, Table A2). Additional consideration may be necessary in the end-use product.
- The equipment is provided with a fuse in both the Line and Neutral of the primary circuit, unless provided with suffix "SF" to indicate only one fuse provided in the Line. Cautionary markings for service persons to be considered in the end-product.
- The power supply will be considered Class II only when protection against electric shock does not rely on Basic Insulation and provided with sufficient spacings between primary parts of the power supply to secondary or accessible parts in the end product. Class II units have no reliance upon protective earthing and shall not be marked as such.

Tested according to: EN 62368-1:2014/A11:2017

Production Facility(ies): 071712, 072220, 089850