ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 057396 0571 Rev. 00

Holder of Certificate: **XP Power LLC.**
15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA

Certification Mark:

Product: **Power supply**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 095-72143919118-000

Valid until: 2024-05-19

Date, 2019-06-05 (Adrian Rabago Valenzuela)

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Model(s):

EMH350PS12-01 XB0118
EMH250PSXXYY-ZZ
EMH350PSXXYY-ZZ
Where XX is any number between 12-48, YY is any two numbers between 0-9 or blank, ZZ is "SF" or blank. May also be provided with additional suffixes "-TF", "-VF", "-D" and "-S"; all "-" considered optional

Brand Name: **XP**

Parameters:

Rated Input:	100-240 Vac
Rated Input Current:	3.8A: EMH250PSXXYY-ZZ Series 4.8A: EMH350PSXXYY-ZZ Series and EMH350PS12-01 XB0118
Rated Input Frequency:	50/60 Hz
DC Output Ratings:	See below for output ratings
Elevation for use:	0-3048 m above sea level
Protection Class:	Class I or Class II determined in end product
Maximum temperature, ambient:	Rated 50°C (Output loaded to 100% of rating), de-rated linearly to 70° (Output loaded to 50% of rated).

General Product information:

The products covered in this report are dual output switching power supplies for building-in to Information Technology Equipment

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Rated Outputs for Models:

See below for the Output Rating for 50°C Ambient provided with Forced Air Cooling.
Model EMH250PS12YY-ZZ: 10.1 Vdc to 13.5 Vdc, 21 A Max. (250 W Max)
Model EMH250PS15YY-ZZ: 13.6 Vdc to 17 Vdc, 16.7 A Max, (250 W Max)
Model EMH250PS18YY-ZZ: 17.1 Vdc to 21 Vdc, 14 A Max, (250 W Max)
Model EMH250PS24YY-ZZ: 21.1 Vdc to 26 Vdc, 10.5 A Max, (250 W Max)
Model EMH250PS28YY-ZZ: 26.1 Vdc to 31 Vdc, 9.0 A Max, (250 W Max)
Model EMH250PS33YY-ZZ: 31.1 Vdc to 33 Vdc, 7.6 A Max, (250 W Max)
Model EMH250PS36YY-ZZ: 33.1 Vdc to 42 Vdc, 6.9 A Max, (250 W Max)
Model EMH250PS48YY-ZZ: 42.1 Vdc to 54 Vdc, 5.2 A Max, (250 W Max)
Model EMH350PS12YY-ZZ: 10.1 Vdc to 13.5 Vdc, 29.2 A Max, (350 W Max)
Model EMH350PS12-01 XB0118: 10.1 Vdc to 13.5 Vdc, 21 A Max. (350 W Max)
Model EMH350PS15YY-ZZ: 13.6 Vdc to 17 Vdc, 23.3 A Max, (350 W Max)
Model EMH350PS18YY-ZZ: 17.1 Vdc to 21 Vdc, 19.5 A Max, (350 W Max)
Model EMH350PS24YY-ZZ: 21.1 Vdc to 26 Vdc, 14.6 A Max, (350 W Max)
Model EMH350PS28YY-ZZ: 26.1 Vdc to 31 Vdc, 12.5 A Max (350 W Max)
Model EMH350PS33YY-ZZ: 31.1 Vdc to 33 Vdc, 10.6 A Max, (350 W Max)
Model EMH350PS36YY-ZZ: 33.1 Vdc to 42 Vdc, 9.8 A Max, (350 W Max)
Model EMH350PS48YY-ZZ: 42.1 Vdc to 54 Vdc, 7.3 A Max (350 W Max)

Stand-by Output for all models: 5Vdc, 2 A or 12Vdc, 0.8 A
Fan Output for all models (V2): 12 Vdc, 0.6 A (Not marked on nameplate)
Rated 50°C (Output loaded to 100% of rating), de-rated linearly to 70°C (Output loaded to 50% of rated).

Conditions of Acceptability:

When installed in an end-product, consideration must be given to the following:
- The following product-line tests are conducted for this product : Electric Strength
- The following output circuits are at ES1 energy levels : All Outputs
- The following output circuits are at PS3 energy levels : All Outputs
- The maximum investigated branch circuit rating is : 20 A
- The investigated Pollution Degree is : 2
- Proper bonding to the end-product main protective earthing termination is : Required
- 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 : AC N
- The following end-product enclosures are required : Mechanical, Fire
- 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) : T1-T2,L1, L12, L13, L7, PFC (min. Class F)
- The power supply was evaluated to be used at altitudes up to : "3048 m"
- A suitable main disconnect device shall be provided in the end product.
- The power supplies covered by this report have a fuse in the neutral of the primary circuit. The need for a marking to warn a service person of the hazards associated with double pole/neutral fusing shall be considered in the end product.
- Consideration to repeating the Touch Current test should be given in the end-product evaluation.
- The power supplies in this report have been subject to Capacitance Discharge testing. Additional testing should not be needed if directly connected to mains e.g. using an appliance inlet, wiring terminals, etc.

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

Production Facility(ies): 059061, 071712, 089850, 059319

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