



Product Service

CERTIFICATE

No. B 057396 0860 Rev. 01

Holder of Certificate: **XP Power LLC.**

340 Commerce, Suite 100
Irvine CA 92602
USA

Certification Mark:



Product: **Switching power supply unit**

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 7191302260-06-TR

Valid until: 2026-01-07

Date, 2024-07-23

(Kim Hock Teo)

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Model(s):

SHP350PSxx

(where xx can be number 12-48 indicating main output voltage)

SHP350PS24-XE0745@

(where @ can be blank or any alphanumeric for marketing purposes.)

Brand Name:

XP

Parameters:

Input:	100 – 240 VAC, 50/60 Hz, 4.6 A or 100 – 120 VAC, 50/60/400 Hz, 4.6 A
Output:	See output rating table.
Protection Class:	Class I at end use.
Degree of Protection	IPX0
Ambient Temperature	50°C at 100% rated load, 70°C at 50% rated load
Maximum Altitude	5000 m

□

Conditions of Acceptability

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

- The following end-product enclosures are required: Mechanical, Fire, Electrical
- The following output circuits are at ES1 energy levels: All Outputs
- The following output circuits are at PS3 energy levels: All Outputs
- The product is intended for use on the following power systems: TN.
- 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 (Class I)
- The following input terminals/connectors must be connected to the end-product supply neutral: AC N
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides the minimum required Clearance between the primary side of power supply and protectively earthed accessible conductive parts.
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- A suitable main disconnect device shall be provided in the end product.

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SWITCHING POWER SUPPLY

The product is a component AC-DC power supply for building-in, open frame type provided with a metal chassis.

Output Rating

Model Number	Output Rating		
	Voltage (VDC)	Current (A)	Power (W)
Input between 100 – 240 VAC			
SHP350PS12	10.1 – 13.5	26.5	318
SHP350PS15	13.6-17	22	330
SHP350PS18	17.1-21	18.3	330
SHP350PS24	21.1-26	14.5	350
SHP350PS24-XE0745@	21.1-26	14.5	350
SHP350PS28	26.1-31	12.5	350
SHP350PS33	31.1-33	10.6	350
SHP350PS36	33.1-42	9.7	350
SHP350PS48	42-54	7.3	350
Input between 180 – 240 VAC			
SHP350PS12	—	—	—
SHP350PS15	—	—	—
SHP350PS18	—	—	—
SHP350PS24	21.1-26	17.5	420
SHP350PS28	26.1-31	15	420
SHP350PS33	31.1-33	12.7	420
SHP350PS36	33.1-42	11.7	420
SHP350PS48	42-54	8.75	420
Output rating at 50°C “—” indicates no such output exist for the respective models All models also provided with 5 V, 0.2 A stand-by output			

Model Differences

All models with the series are identical, with exception to the output voltage and current ratings, number of turns of primary/secondary windings in the Transformers (T302 (Power)), and minor differences in the secondary circuit components and PWB layout. The 400 Hz rating is optional.

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