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Product Service

# CERTIFICATE

No. B 057396 0465 Rev. 01

**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.:** 095-72143924L-000

**Valid until:** 2024-06-05

**Date,** 2019-06-21

( Adrian Rabago Valenzuela )



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### Model(s):

ECE80USxx

(where xx can be number between 12 to 48 designating the output voltage, may also be provided with suffix "S", "D" or "SD", "-" provided optionally, can be also followed by alphanumeric suffix which are non-safety related)

### Brand Name:

XP



### Parameters:

Rated Input Voltage: 100-240 V AC

Rated Frequency: 50/60 Hz

Rated Input Current: 1.7 A

Protection Class: Class I or Class II at end use

Maximum temperature, ambient: 50°C at 100% rated output

70°C at 50% rated output

Elevation for use: 0-5000 m above sea level

### Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC )	Current (A)	Output power (W)
ECE80US12	12	6.67	80
ECE80US15	15	5.33	80
ECE80US24	24	3.33	80
ECE80US36	36	2.22	80
ECE80US48	48	1.67	80

### Suffix:

Suffix "S" denotes units provided with Screw Terminals.

Suffix "D" denotes units provided with DIN Rail mounting Clip.

Suffix "SD" denotes units provided with DIN Rail mounting Clip with Screw Terminals.

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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:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- The product is intended for use on the following power systems: TN.
- The following output circuits are at ES1 energy levels: All.
- The following output circuits are at PS3 energy levels: All.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- The following input terminals/connectors must be connected to the end-product supply neutral: ACN.
- A suitable main disconnect device shall be provided in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in Class I end product, ground bond test shall be conducted.
- When installed in a Class II end product, the power supply shall be mounted on insulating posts in a manner that provides the minimum required Clearance between the power supply and any accessible conductive parts.
- Touch current test and dielectric Strength test need to be considered at end use equipment.

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

**Production Facility(ies):** 061661, 077041