Product Service

CERTIFICATE

No. B 057396 0427 Rev. 01

Holder of Certificate: **XP Power LLC.**
15641 Red Hill Avenue, Suite 100
Tustin CA 92780
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. See also notes overleaf.

Test report no.: 095-72143775N-000

Valid until: 2024-05-21

Date, 2019-06-05

(Adrian Rabago Valenzuela)

A4 / 07.17

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Model(s): **CLC175USxx**
(where xx may be number 12 to 48 indicating main output voltage, may be optionally followed by "-A" for additional standby output)

Brand Name: **XP**

Parameters:

Rated Input Voltage: 100 - 240 VAC
Rated Frequency: 50 / 60 Hz
Rated Input Current: 3.1 A
Protection Class: Class I or Class II at end use
Temperature, Ambient: 50°C for 100% rated output power
70°C for 50% rated output power.
Required Force Cooling: Min. 10 CFM external force cooling
Elevation for Use: 0-5000 m above sea level

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Maximum Output Power (W)
CLC175US12	10.1-13.5	13.9	175
CLC175US15	13.6-17	11.1	175
CLC175US18	17.1-21	9.27	175
CLC175US24	21.1-26	6.9	175
CLC175US28	26.1-31	6.25	175
CLC175US33	31.1-33	5.05	175
CLC175US36	33.1-42	4.63	175
CLC175US48	42.1-54	3.5	175
Optional standby output: 5Vdc/0.5A. The maximum continuous power rating of 175W relied on forced air cooling from a 10 CFM fan located 2.5 cm away blowing from input to output.			

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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.
- Heatsinks are floating and considered live. They shall not be accessible 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.
- Touch current test and dielectric Strength test need to be considered at end use equipment.
- The power supplies have a fuse in the neutral of the primary circuit. A warning for service persons to be considered in the end product.

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

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

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