



Product Service

CERTIFICATE

No. B 057396 0951 Rev. 00

Holder of Certificate: **XP Power LLC.**
340 Commerce, Suite 100
Irvine CA 92602
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. 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.: 095-72198477B-000

Valid until: 2029-03-27

Date, 2024-04-11


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Model(s):

RCL175Pxyy

(where x can be S, D, T or Q indicating single, dual, triple, or quad output configurations, yy can be 00 to 99, or AA-ZZ), may be provided with additional suffixes U, C, F, or blank and/or W.)

Model 101372-xx

(where xx can be any alphanumeric characters or blank for different revision)

Brand Name:

XP

Parameters:

Rated Input Voltage: 100-240 VAC,

Rated Frequency: 50/60 Hz

Rated Input Current: 2.7 A

Rated Output Voltage: See output ratings below

Protection Class: Class I or Class II at end use

Temperature, Ambient: 50°C max

Elevation for Use: 0 - 5000 m

Output Ratings:**RCL175Pxyy:**

Up to 4 outputs can be provide

V1: 3.3-60 VDC, 204 W max;

V2: 3.3-60 VDC, 120 W max;

V3: 3.3-60 VDC, 120 W max;

V4: 3.3-60 VDC, 30 W max

Total maximum combined input power is 204 Watts when provided with fan cover. Total maximum combined output power shall not exceed 175 Watts.

Suffix:

No suffix: open frame with heat sinks

-U: U-channel chassis,

-C: provided with cover,

-F: provided with fan cover kit

Model 101372-xx (where xx can be any alphanumeric character or blank) is identical to Model RCL175PSAA provided with optional open frame fan assembly with exception to the model designation. "xx" suffix is a revision indicator.

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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.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP between primary and Earth/enclosure.
- Models for Class I applications employing two Y1 bridging capacitors (C41 and C41A) provide two MOPP between primary and secondary. Class I applications employing one Y1 bridging capacitor (C41) provide one MOPP between primary and secondary, Additional patient protection shall be considered at end use.
- Class II Power supply Models with the suffix W employ two Y1 bridging capacitor (C41 and C41A) and evaluated as Two MOPP between Primary and Secondary; One MOPP primary and Earth. Class II Models without the suffix W employ one Y1 bridging capacitor (C41) and evaluated for 1 MOPP between primary and secondary and 1 MOPP between primary and earth. Additional patient protection shall be considered at end use.
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The available voltage for the secondary outputs does not exceed 25 Vac or 60 Vdc, under normal and single fault conditions.
- The input/output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use equipment.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in Class I end product.
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides sufficient clearance and Creepage between the primary sides of power supply and protectively earthed accessible conductive parts. When installed in a Class II end product, the power supply shall be mounted on insulating posts, in a manner that provides sufficient Clearance and creepage between the power supply and any accessible conductive parts.
- The products were tested on a 20 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.
- For Class II applications, the power supply must be configured as an open frame and must not be used with the U-channel chassis or fan cover options. Capacitor connected between primary and earth terminal is type Y1.
- For Class I operation, consideration for conducting the grounding impedance test, from heatsink 1 and heatsink 2 to the protective earth terminal in the end product, should be given.
- Repeat of leakage current testing and consideration of non-frequency weighted leakage test shall be considered in the end product application.
- The end product shall ensure the requirements related to accompanying documents, clause 7.9.
- The product was not investigated to the following standards or clauses: Biocompatibility (ISO 10993-1), Clause 14, Programmable Electronic Systems, Electromagnetic Compatibility (IEC 60601-1-2).

Tested according to: EN 60601-1:2006/A2:2021