



CERTIFICATE

No. B 057396 0408 Rev. 01

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

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.

095-72143924T-000 Test report no.:

Valid until: 2024-05-15

2019-06-24 Date.



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Model(s): ECL15xxyy-z

Where xx is UD for dual output, or UT for triple output, vy is 01 (UD model only), 02, or 03 disignating different

rated output, and z is P, T, E, S, SD or blank.

Brand Name: XP



Parameters:

Rated Input Voltage: 100-240 VAC

Rated Input Current: 0.3 A
Rated input frequency: 50/60 Hz

Protection Class: Class I or Class II at end use Temperature, Ambient: 50°C with 100% rated output

70°C with 50% rated output

Elevation for use: 0-3048 m above sea level See attachment for further information.

Approved models and Rated Output:

Model Number	OUTPUT 1		OUTPUT 2		OUTPUT 3	
	Voltage (VDC)	Current (A)	Voltage (VDC)	Current (A)		
ECL15UD01-z	12.0	0.65	-12.0	0.65		
ECL15UD02-z	15.0	0.50	-15.0	0.50		
ECL15UD03-z	5.0	2.00	12.46	0.625		_
ECL15UT02-z	5.0	2.00	12.0	0.200	-12.0	0.20
ECL15UT03-z	5.0	2.00	15.0	0.150	-15.0	0.15
"" indicates that no such output for the respective models						

Model Differences

Models listed are identical except minor differences in transformer secondary winding turns, some components to regulate output voltage and current. (Denoting non-safety related differences.)

Suffix definition - z can be P, T, E, S or SD. P means open frame PCB mount, T means open frame Chassis mount, E means with enclosure and encapsulated, S means screw terminal mounted on the enclosure and SD means DIN rail mounted on the enclosure.

Model ECL15xxyy-T is similar to ECL15xxyy-P except for ECL15xxyy-T has I/O connectors and ECL15xxyy-P has I/O pins.

Model ECL15xxyy-P is similar to Model ECL15xxyy-E except for ECL15xxyy-E is housed in plastic enclosure with epoxy.

Model ECL15xxyy-S is similar to Model ECL15xxyy-E except for Model ECL15xxyy-S with I/O terminal blocks, ECL15xxyy-E with I/O pins, enclosure shape, PWB layout and model designation.

Model ECL15xxyy-SD is similar to Model ECL15xxyy-S except for Model ECL15xxyy-SD is provided with a DIN rail clip.



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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 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
- The following input terminals/connectors must be connected to the end-product supply neutral: AC N
- A suitable mechanical, electrical, and fire enclosure must be provided in the end use equipment.
- Proper bonding to the end-product main protective earthing terminal is required if installed in Class I end product.
- When installed in end product, the clearance and creepage distance between the hazardous circuit and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (Class I end product) shall be conducted at end product.
- · A suitable main disconnect device shall be provided in the end product.
- 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.
- The following end-product enclosures are required: Mechanical, Fire, Electrical
- . Heatsinks are floating and considered live. They should not be accessible in the end-product.

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

Production Facility(ies): 061661, 077041