



Product Service

CERTIFICATE

No. B 057396 0868 Rev. 01

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.: 7191302260-14-TR

Valid until: 2026-01-07

Date, 2024-07-23

(Kim Hock Teo)



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Model(s): XTL15 Series, XTL30 Series

Parameters:

Input Voltage:	180-264 VAC, 3 Phase, 3W+PE
Input Frequency:	50/60 Hz
Input Current:	7 A max Per Phase (XTL15 Series) 14 A max Per Phase (XTL30 Series)
Protection Class:	Class I at end use
Maximum Temperature, ambient:	50°C with 100% of rated output, 70°C with 50% of rated output
Elevation for use:	0-5000 m above sea level

Product Description:

The equipment is a modular ac (three phase (3W+PE)) to dc power supply for building-in. The power supply consisting of an input power platform and various plug-in Output Modules. Each plug-in Output Module is either 2, 3 or 4 slot width. Each power platform supports 20 slots for the XTL30 Series platform (5 modules on top bay and 5 modules on bottom bay) and up to 14 slots for the XTL15 Series platform (7 modules), in any combination of 2, 3 or 4 slot plug-in modules.

Model number configuration:

XTL30-MMMMMMMMMM-PPSSVV/MMMMMMMMMM-PPSS++; XTL15-MMMMMMMMMMMMMM-PPSS++

Where

MM: Can be blank or a combination of 1, 2, 3, 4, 5, or blank and a letter A-Z for module configuration

P: Can be blank or any number 0-9, designating Parallel Option Code

S: Can be blank or any number 0-9, designating Series Option Code

V: Can be blank or any number 0-9, designating Vertical Top to Bottom Parallel Code (for XTL30 Series)

+: Can be blank or any number 0-9, designating other option codes-non safety impacted.

/: Separation for top and bottom bay.



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Ratings:

Model	Input (VAC)	Max Output Power (W)	Max Output Module Capacity
XTL15 Series	180-264	1500	7
XTL30 Series	180-264	3000	10

Output Module Ratings:

Modules 1A-1Z: 2 Slot Module, 3.3 to 60 Vdc, Max 20 A, Max 126 W.

Modules 2A-2Z: 2 Slot Module, 3.3 to 60 Vdc, Max 40 A, Max 252 W.

Modules 3A-3Z: 3 Slot Module, 3.3 to 60 Vdc, Max 60 A, Max 420 W.

Modules 4A-4Z: 4 Slot Module, 12.0 to 60 Vdc, Max 62.5A, Max 756W.

Modules 5A-5Z: 2 Slot Module, Dual Output: V1=3.3 to 24 Vdc, Max 10 A, Max 150 W; V2 = 2.0 to 24 Vdc, Max 10 A, Max 150 W (V1+V2 150W Max.)

Modules 6A-6Z: 2 Slot Module, Dual Output: V1=5Vdc to 24 Vdc, Max 10 A, Max 175 W; V2=5Vdc to 24 Vdc, Max 10 A, Max 175 W (V1+V2 175W Max.)

Conditions of Acceptability:

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



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The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the end product.
- When installed in end product, the clearance and creepage distance between the hazardous voltage circuitry and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test shall be conducted at end use.
- The following secondary output circuits are ES1: All outputs.
- The following secondary output circuits are PS3: all outputs.
- The fan provided in this sub-assembly is provided with a fan guard that is integral to the chassis to reduce the risk of operator contact with the stator, additional accessibility shall be evaluated at the end use.
- Safeguards against capacitor discharge after disconnection of a connector (clause 5.5.2.2) shall be evaluated in the end-product .
- The supply terminal block (TB101 or TB1) is suitable for factory wiring. The output terminals and/or connectors have not been investigated for field wiring. Terminal block (TB101 or TB1) is suitable for copper wire only, 22-14 AWG, 10 lbs. torque, 110°C.
- The maximum continuous output power shall not to exceed 3000 W for XTL30 Series and 1500W for XTL15 Series when used with any combination of output modules.
- The equipment is provided with a fuse in both the Line and Neutral of the primary circuit. The need for a marking warning service person of the hazards associated with neutral fusing shall be considered in the end-product.
- These component power supplies employ VDRs connected to ground in series with a GDT. The GDT was not evaluated for basic insulation. They are to be installed within an end-product which will be installed within a rack system. Permanent connection to earth is guaranteed by means of the overall rack configuration and the Pluggable Type B power distribution unit (PDU) which powers the individual sub-components within the rack.

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