



America

CERTIFICATE

No. U8V 065969 0214 Rev. 00

Holder of Certificate: **XP Power Limited**
 401 Commonwealth Drive
 Haw Par Technocentre, Lobby B, #02-02
 Singapore 149598
 SINGAPORE

Certification Mark:



Product: **Converter**
(DC-DC DIN RAIL MOUNTABLE POWER SUPPLIES)

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

Test report no.: 081-180506-100

Date, 2018-08-01

(Watson Yang)



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Model(s): DDC4024S05, DDC4024S09, DDC4024S12,
DDC4024S15, DDC4024S24

Brand Name: XP

Tested according to: CAN/CSA-C22.2 No. 62368-1:2014
UL 62368-1:2014

Production Facility(ies): 004727

Parameters:

Rated input voltage:	10-32 Vdc
Rated input current:	See below
Rated outputs:	See below
Protection class:	III
Degree of protection against ingress of liquids:	Ordinary

Remark: When installing the equipment, all requirements of the relevant standard must be fulfilled.

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The ratings description of the models are as below:

Model-#	Input Rating	Output Rating
DDC4024S05	10-32 Vdc, 3.8 A	5 Vdc, 6 A, 30 W
DDC4024S09	10-32 Vdc, 4.5 A	9 Vdc, 4 A, 36 W
DDC4024S12	10-32 Vdc, 5 A	12 Vdc, 3.4 A, 40 W
DDC4024S15	10-32 Vdc, 5 A	15 Vdc, 2.7 A, 40 W
DDC4024S24	10-32 Vdc, 5 A	24 Vdc, 1.7 A, 40 W

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License Conditions:

1. This power supply has been judged on the basis of the required spacing is the Standard for Safety of Information Technology Equipment, including electrical business equipment UL 62368-1:2014 and CAN/CSA-C22.2 No. 62368-1:2014, which covers the end-use product for which this component was designed.
2. The power supply shall be installed in compliance with mounting, spacings, casualty and segregation requirements of the ultimate application.
3. The output connector is not acceptable for field connections and is only intended for connection to the mating connector of internal wiring inside the end – use machine. The acceptability of this and the mating connector relative to secureness, insulating materials, and temperature shall be considered.
4. The unit was investigated to material Group III creepage, clearance and material properties requirements.
5. The unit was investigated as pollution degree 2 equipment.
6. The unit is considered acceptable for use in a 50°C ambient. Consideration should be given to the need for reconducting a temperature test in the end-use equipment.
7. Stability and Mechanical strength must be evaluated in the end product.
8. Language of safety markings/instructions (if user accessible in the end product) must be included in the end product documentation.
9. Evaluated for IT power systems.

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