ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

America

C E R T I F I C A T E

No. U8V 065969 0286 Rev. 00

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

Certification Mark:

Product: **Power supplies**
(DC-DC DIN RAIL POWER SUPPLY)

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. 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.: 081-200978-000

Date, 2020-10-05

(Watson Yang)

TÜV SÜD America Inc. • 10 Centennial Drive • Peabody • MA 01960 • USA

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C E R T I F I C A T E

No. U8V 065969 0286 Rev. 00

Model(s): **DDC1524S03, DDC1524S05, DDC1524S09**
DDC1524S12, DDC1524S15, DDC1524S24

Brand Name: **XP**

Brand:

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

Production Facility(ies): 004727, 004978

Parameters:

Rated inputs:	See below
Rated outputs:	See below
Protection class:	III
Max. ambient temperature:	50°C

Remarks:
1. When installing the equipment, all requirements of the relevant standards must be fulfilled.
2. The equipment is evaluated for operating in altitude up to 5,000 m above the sea level.

The ratings & model description of the models are as below:

Model-#	Input rating	Output rating
DDC1524S03	9-36 Vdc, 1.8 A	3.3 Vdc, 3.5 A or 3.3 Vdc, 11.5 W or 3.3 Vdc, 3.5 A, 11.5 W
DDC1524S05	9-36 Vdc, 1.9 A	5 Vdc, 2.7 A or 5 Vdc, 13.5 W or 5 Vdc, 2.7 A, 13.5 W
DDC1524S09		9 Vdc, 1.5 A or 9 Vdc, 13.5 W or 9 Vdc, 1.5 A, 13.5 W
DDC1524S12	9-36 Vdc, 2.1 A	12 Vdc, 1.25 A or 12 Vdc, 15 W or 12 Vdc, 1.25 A, 15 W
DDC1524S15		15 Vdc, 1 A or 15 Vdc, 15 W or 15 Vdc, 1 A, 15 W
DDC1524S24		24 Vdc, 0.63 A or 24 Vdc, 15 W or 24 Vdc, 0.63 A, 15 W

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License Condition:

1. This power supply has been judged on the basis of the required spacing is the Standard for Safety of Audio/Video, 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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