



Product Service

CERTIFICATE

No. B 057396 0618 Rev. 00

Holder of Certificate: **XP Power LLC.**
15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA

Certification Mark:



Product: **Power supply**
AC-DC 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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 231-72161864-000

Valid until: 2023-01-06

Date, 2020-08-24

(Liyuan (Mandy) Zhao)

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Model(s): HPL5K0TSxxx Series, where x can be 0 to 9 which represents rated output voltage.

Parameters:

Input Voltage: 200-240V, 3 Phase (3W+PE)

Input Frequency: 50/60 Hz

Input Current: 19 A MAX/PHASE

Output: HPL5K0TS060: 0-60Vdc (0-63Vdc)/83.3A MAX, 5000W MAX.
HPL5K0TS100: 0-100Vdc (0-105Vdc)/50A MAX, 5000W MAX.
HPL5K0TS200: 0-200Vdc (0-210Vdc)/25A MAX, 5000W MAX.
All Models are provided with an isolated 5Vsb/2A output.

Protection Class: Class I

Max Ambient Temperature: 0°C for 100% rated output
70°C for 50% rated output

Evaluation for use: 0-5000 m above sea level

Conditions of Acceptability

When installed in an end-product, consideration must be given to the following:

- The following end-product enclosures are required: Mechanical, Electrical, Fire
- The following output circuits are at ES1 energy level: 5Vsb
- The following output circuits are at ES3 energy level: 60Vdc, 100Vdc, 200Vdc
- The following output circuits are at PS1 energy level: 5Vsb
- The following output circuits are at PS3 energy level: 60Vdc, 100Vdc, 200Vdc
- The maximum investigated branch circuit rating is: 30 A
- 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
- An investigation of the protective earthing connection has been conducted. All units must be connected directly to the building mains protective earthing connection.
- 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

Production Facility(ies): 059319, 071712, 089850, 059061