



America

CERTIFICATE

No. B 17 03 57396 471

Holder of Certificate: XP Power LLC.



15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA

Production Facility(ies):

59061, 59319, 71712, 89850

Certification Mark:



Product:

Power supply

Model(s):

GSP750PSxx
(where xx can be number between 12 to 48 for output voltage; may be followed by additional suffix "-" followed by "EF" or/and "SF")

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Input Current:	9.5 A
Rated input frequency:	50/60 Hz
Elevation for use:	0-5000 m above sea level
Protection Class:	Class I at end use
Maximum Temperature, Ambient:	50°C with 100% rated output power, 70°C with 50% rated output power; with 10 CFM forced air cooling.

See attachment for output ratings and Conditions of Acceptability.

Tested according to: EN 60601-1:2006/A12:2014

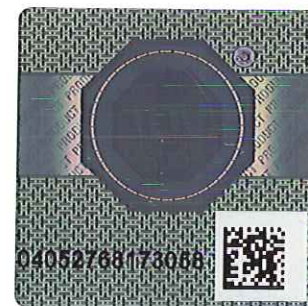
The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 095-72125169-000

Valid until: 2022-03-05

Date, 2017-03-17

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POWER SUPPLY

General Product information:

The product is a isolating component AC-DC power supply for building-in, open frame type provided with a metal chassis, incorporating primary and SELV components.

The main PWB is secured to the chassis studs by multiple machine screws.

Approved models and Rated Outputs:

Model Number	Max OUTPUT (Convection Cooling) @ 70°C			Max OUTPUT (Forced Cooling) @ 50°C			Max OUTPUT (Forced Cooling) @ 70°C		
	Voltage (VDC)	Current (A)	Max. Power (W)	Voltage (VDC)	Current (A)	Max. Power (W)	Voltage (VDC)	Current (A)	Max. Power (W)
GSP750PS12	12 (10.1-13.5)	4.16	50	12 (10.1-13.5)	62.5	750	12 (10.1-13.5)	31.25	375
GSP750PS15	15 (13.6-17)	3.33	50	15 (13.6-17)	50	750	15 (13.6-17)	25	375
GSP750PS18	18 (17.1-21)	2.77	50	18 (17.1-21)	41.6	750	18 (17.1-21)	20.8	375
GSP750PS24	24 (21.1-26)	2.08	50	24 (21.1-26)	31.3	750	24 (21.1-26)	15.6	375
GSP750PS28	28 (26.1-31)	1.78	50	28 (26.1-31)	26.8	750	28 (26.1-31)	13.4	375
GSP750PS33	33 (31.1-33)	1.51	50	33 (31.1-33)	22.7	750	33 (31.1-33)	11.4	375
GSP750PS36	36 (33.1-42)	1.38	50	36 (33.1-42)	20.8	750	36 (33.1-42)	10.4	375
GSP750PS48	48 (42.1-52)	1.04	50	48 (42.1-52)	15.6	750	48 (42.1-52)	7.81	375

Stand-by output for all models: 5Vdc/3A

Suffix:

EF: Model provided with top cover with fan located at the end of the power supply chassis.

SF: Model provided with only one fuse in the line and no fuse in the neutral.

No suffix: Model provided no fan, only provide with U-shaped chassis and top cover.



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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 models require:

- The following end-product enclosures are required: Mechanical, Fire, Electrical.
- The input/output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use equipment.
- Power supply provides the following MOPP (means of patient protection): two MOPP based upon a working voltage 295 Vrms/491 Vpk (T1), 315 Vrms/434 Vpk (T2), and 414 Vrms/197 Vpk (T100).
- Temperature, Leakage Current, Protective Earthing, Dielectric Voltage Withstand, and Interruption of the Power Supply tests should be considered as part of the end product evaluation.
- The following input terminals/connectors must be connected to the end-product supply neutral: Input Connector (CON1) N terminal
- Models covered under this Report have been evaluated for 50°C and 70°C ambient with either an end fan option or 10 cfm external air-flow for open frame and U-channel options applied at chassis edge (near C15 and D60).
- Heatsinks are floating and considered live. They should not be accessible in the end-product
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- Models provided with suffix SF only provided with one line side fuse. The need for additional fusing shall be determined as part of the end product.
- ME Equipment is component for building-in. Applicability of the following is to be determined in End Product Evaluation: 5.9 - Accessibility, 7 - Identification marking and Documents, 8.4.2 – Accessible Parts Including Applied Parts, 8.6 - Protective Earthing, 8.11.1 - Isolation from Supply Mains, 8.11.3 - Power Supply Cords, 9 - Protection against mechanical hazards, 11.3 - Fire Enclosure, 11.8 - Interruption of power supply, 15.3 - Mechanical Strength, 15.4.1 - Construction of Connectors, 15.4.4 – Indicators.
- The product was not investigated to the following standards or clauses: Biocompatibility (ISO 10993-1), Clause 14, Programmable Electronic Systems, Electromagnetic Compatibility (IEC 60601-1-2).