



CERTIFICATE

No. B 057396 0596 Rev. 00

Holder of Certificate: XP Power LLC.

15641 Red Hill Avenue, Suite 100

Tustin CA 92780

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. See also notes overleaf.

Test report no.: 095-72136253-100

Valid until: 2023-01-06

Date. 2020-04-29 (Adrian Rabago Valenzuela)

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Model(s):

GCU500PSxx

(where xx can be 12-48 for main output voltage, model No. can be optionally followed by "-EF" for model with end fan, can have additional suffix "-SF" for single pole fusing, all "-" is optional)

Parameters:

Input Voltage:

100-240 VAC

Input frequency: Input Current:

50/60 Hz 6.0 A

Protection Class:

Class I or Class II at end use 0-5000 m above sea level

Approved models and Rated Outputs:

Model Number	OUTPUT RATING										
	Voltage (VDC)	Forced air cooling(13 cfm) and end fan (-E 10.10 cfm min)				F,	Convectional Cooling				
		50°C		70°C		40°C		50°C		70°C	
		Max Current (A)	Max Power (W)	Max Current (A)	Max Power (W)	Max Current (A)	Max Power (W)	Max Current (A)	Max Power (W)	Max Current (A)	Max Power (VV)
GCU500PS12	10.1- 13.5	41.7	500	20.8	250	20.8	250	18.8	225	9.4	113
GCU500PS15	13.6-17	33.3	500	16.7	250	16.7	250	15.0	225	7.5	113
GCU500PS18	17.1-21	27.8	500	13.9	250	13.9	250	12.5	225	6.3	113
GCU500PS24	21.1-26	20.8	500	10.4	250	10.4	250	9.4	225	4.7	113
GCU500PS28	26.1-31	17.9	500	8.9	250	8.9	250	8.0	225	4.0	113
GCU500PS33	31.1-33	15.2	500	7.6	250	7,6	250	6.8	225	3.4	113
GCU500PS36	33.1-42	13.9	500	6.9	250	6,9	250	6.3	225	3.1	113
GCU500PS48	42.1-54	10.4	500	5.2	250	5.2	250	4.7	225	2.4	113
All models are pr	ovided with	5Vdc, 0.2 A	standby out	put							

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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:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- The following output circuits are at ES1 energy levels: All
- The following output circuits are at PS3 energy levels : All
- 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 Class I end product.
- When installed in end product, the clearance and creepage distance between the ES3 circuitry and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for Class I end product) shall be conducted at end use.
- The maximum continuous power supply output (Watts) relied on forced air cooling from: 13 cfm fan applied 1 inch from input side, blowing inward.
- The equipment is provided with fuses 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.
- Safeguards against capacitor discharge after disconnection of a connector (clause 5.5.2.2) shall be evaluated in the end-product.

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

059061, 059319, 089850, 071712 **Production**

Facility(ies):