

No. B 057396 0348 Rev. 01

XP Power LLC. **Holder of Certificate:**

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.

095-72143850M-000 Test report no.:

Valid until: 2024-05-30

2019-06-11 Date,

(Adrian Rabago Valenzuela)

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GCS250PSxx Model(s):

(where xx can be number between 12 to 56 for output voltage; may be optionally followed by "-C", "-TF" "-EF" or blank, may also be optionally followed by "SF", "S" or "R")

XP **Brand Name:**



Parameters:

Rated Input Voltage: 100-240 VAC

Rated Input Current: 3 A Rated Frequency: 50/60 Hz

Protection Class: Class I or Class II at end use Elevation for Use: 0-5000 m above sea level

Approved models and Rated Outputs:

Approved models and Ka	T T	OUTPUT				
Model Number	(7 CFM Forced Cooling)					
	Voltage (V)	Current (A)	Max. Power			
GCS250PS12	10.1-13.5	18.7	225			
GCS250PS15	13.6-17	15	225			
GCS250PS18	17.1-21	13.9	250			
GCS250PS24	21.1-26	10.4	250			
GCS250PS28	26.1-31	8.9	250			
GCS250PS33	31.1-33	7.6	250			
GCS250PS36	33.1-42	6.9	250			
GCS250PS48	42.1-54	5.2	250			
GCS250PS56	54.1-63.2	4.5	250			

Suffix:

C: Provided with cover TF: Provided with top fan EF: Provided with end fan

Models without suffix "C", "TF" or "EF" are open frame models (without cover)

SF: Provided with single pole fusing S: Provided with screw terminal block

R: Remote inhibit

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Output Power under different configurations:

Model Number	Convectional Cooling Without Cover		Convectional Cooling With Cover		Forced Air Cooling With Cover	
	Max Output @SU*C	Max Output @70°C	Max Output @50°C	® XO.C Max Ontbril	Max Output @50°C	Max Output @70%
GC5250P512	180W, 15A	90W, 7.5A	145W, 12.IA	72.5W, 6.04A	225W, 18.7A	112.5W, 9.38/
GC\$250P\$15	180W, 13A	90W, 6A	145W, 9.7A	72.5W, 4.8A	225W, 15A	112.5W, 7.SA
GC\$250F518	180W, 10A	90W, 5A	145W, 8.0A	72.5W, 4.0A	250W, 13.9A	125W, 6.9A
GC\$250P\$24	180W, 7.5A	90W, 3.75A	180W, 7.5A	90W, 3.7SA	250W, 10.4A	125W, 5.2A
GC\$250P\$28	180W, 6.4A	90W, 3.2A	180W. 6 4A	90W, 3.2A	250W. 8.9A	125W. 4.5A
GC\$250P\$33	180W, 5.5A	90W, 2.7A	180W, 5.5A	90W, 2.7A	250W, 7.6A	125W, 3.8A
GC\$250P\$36	190W, 5A	90VV, 2.5A	180W, 5A	90W, 2.5A	250W, 6.9A	125W, 3.5A
GC\$250P548	180W, 3.75A	90W, 1.8BA	180W, 3.75A	90W, 1.88A	250W, 5.2A	125W, 2.6A
GC\$250P\$56	180W, 3.2A	90W, 1.61A	180W, 3.2A	90W, 1.61A	250W, 4.5A	125W, 2.23A

Model Number	With End Fan		With Top Fan		Forced Air Cooling Without Cover	
	Max Output @50°C	Max Output @70°C	Max Output @50°C	Max Output @70°C	Max Output @50°C	Max Output @70°C
GC\$250P\$12	225W, 18.7A	112.5W, 9.38A	225W, 18.7A	112.5W, 9.38A	225W, 18.7A	112.5W, 9.38A
GC\$250P\$15	225W, 15A	112.5W, 7.5A	225W, 15A	112.5W, 7.5A	225W, 15A	112.5W, 7.5A
GC\$250P\$18	250W, 13.9A	125W, 6.9A	250W, 13.9A	125W, 6.9A	250W, 13.9A	125W, 6.9A
GC\$250P\$24	250W, 10.4A	125W, 5.2A	250W, 10.4A	125W, 5.2A	250W, 10.4A	125W, 5.2A
GC\$250P\$28	250W, 8.9A	125W, 4.5A	250W, 8.9A	125W, 4.5A	250W, 8.9A	125W, 4.5A
GC\$250P\$33	250W, 7.6A	125W, 3.8A	250W, 7.6A	125W, 3.8A	250W, 7.6A	125W, 3.8A
GCS250PS36	250W, 6.9A	125W, 3.5A	250W, 6.9A	125W, 3.5A	250W, 6.9A	125W, 3.5A
GC\$250P\$48	250W, 5.2A	125W, 2.6A	250W, 5.ZA	125W, 2.6A	250W, 5.2A	125W, 2.6A
GC\$250P\$56	250W, 4.5A	125W, 2.23A	250W, 4.5A	125W, 2.23A	250W, 4.5A	125W, 2.23A



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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 product is intended for use on the following power systems: TN.
- The following output circuits are at ES1 energy levels: all except model GCS250US56 output.
- The following output circuits are at ES2 energy levels: model GCS250US56 output with v arious configurations.
- The following output circuits are at PS3 energy levels: All.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- The following input terminals/connectors must be connected to the end-product supply neutral: J1.
- Heatsinks are floating and considered live. They shall not be accessible in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed
 - in Class I end product, ground bond test shall be conducted.
- The maximum continuous power supply output (Watts) relied on forced air cooling from: 7 CFM fan applied 1 inch from input side, blowing inward.
- Fans: For models with the suffix "EF", the fan provided in this sub-assembly is not intended for operator access., For models with the suffix "TF", the fan provided in this sub-assembly is provided with a fan guard to reduce the risk of operator contact with the stator.
- Touch current test and dielectric Strength test need to be considered at end use equipment.
- The power supplies have a fuse in the neutral of the primary circuit. A warning for service persons to be considered in the end product.

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



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