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

Product Service

CERTIFICATE

No. B 057396 0437 Rev. 01

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.: 095-72143850N-000

Valid until: 2024-05-27

Date, 2019-06-05

(Adrian Rabago Valenzuela)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): GCS265PSxx, GCS265PS24-XD0642
(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 provided with additional suffix "SF", "S" or "R". All "-" are optional)

Brand Name: XP

Parameters:

Rated Input Voltage: 100-240 VAC
Rated Frequency: 50/60 Hz
Rated Input Current: 3.0 A
Protection Class: Class I or Class II at end use
Elevation for Use: 0-5000 m above sea level

Approved models and Rated Outputs:

Model Number	DC OUTPUT (with 7 CFM Forced Cooling)				
	V1 Voltage (V)	Current (A)	V2 Voltage (V)	Max Current (A)	Total Power (W)
GCS265PS12	10.1-13.5	20.8	5	3	265
GCS265PS15	13.6-17	16.66	5	3	265
GCS265PS18	17.1-21	13.9	5	3	265
GCS265PS24	21.1-26	10.4	5	3	265
GCS265PS28	26.1-31	8.9	5	3	265
GCS265PS33	31.1-33	7.6	5	3	265
GCS265PS36	33.1-42	6.94	5	3	265
GCS265PS48	42.1-54	5.2	5	3	265
GCS265PS56	54.1-63.2	4.5	5	3	265
GCS265PS24-XD0642	24	7.5	5	3	195

Note: V2 is the 5Vdc standby output

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 @50°C	Max Output @70°C	Max Output @50°C	Max Output @70°C	Max Output @50°C	Max Output @70°C
GCS265PS12	V1:180W, 15A V2: 10W, 2A	V1: 90W, 7.5A V2: 5W, 1A	V1: 140W, 11.67A V2: 10W, 2A	V1: 70W, 5.83A V2: 5W, 1A	V1: 250W, 20.8 V2: 15W, 3A	V1: 125W, 10.4A V2: 7.5W, 1.5A
GCS265PS15	V1:180W, 12A V2: 10W, 2A	V1: 90W, 6A V2: 5W, 1A	V1: 140W, 9.33A V2: 10W, 2A	V1: 70W, 4.67A V2: 5W, 1A	V1: 250W, 16.7A V2: 15W, 3A	V1: 125W, 8.3A V2: 7.5W, 1.5A
GCS265PS18	V1:180W, 10A V2: 10W, 2A	V1: 90W, 5A V2: 5W, 1A	V1: 140W, 7.78A V2: 10W, 2A	V1: 70W, 3.89A V2: 5W, 1A	V1: 250W, 13.9A V2: 15W, 3A	V1: 125W, 6.9A V2: 7.5W, 1.5A
GCS265PS24	V1: 180W, 7.5A V2: 10W, 2A	V1: 90W, 3.75A V2: 5W, 1A	V1: 140W, 5.83A V2: 10W, 2A	V1: 70W, 2.92A, V2: 5W, 1A	V1: 250W, 10.4A V2: 15W, 3A	V1: 125W, 5.2A V2: 7.5W, 1.5A
GCS265PS28	V1: 180W, 6.4A V2: 10W, 2A	V1: 90W, 3.21A V2: 5W, 1A	V1: 140W, 5A V2: 10W, 2A	V1: 70W, 2.5A, V2: 5W, 1A	V1: 250W, 8.9A V2: 15W, 3A	V1: 125W, 4.5A V2: 7.5W, 1.5A
GCS265PS33	V1: 180W, 5.5A V2: 10W, 2A	V1: 90W, 2.72A V2: 5W, 1A	V1: 140W, 4.24A V2: 10W, 2A	V1: 70W, 2.12A, V2: 5W, 1A	V1: 250W, 7.6A V2: 15W, 3A	V1: 125W, 3.8A V2: 7.5W, 1.5A
GCS265PS36	V1: 180W, 5A V2: 10W, 2A	V1: 90W, 2.5A V2: 5W, 1A	V1: 140W, 3.89A V2: 10W, 2A	V1: 70W, 1.94A, V2: 5W, 1A	V1: 250W, 6.9A V2: 15W, 3A	V1: 125W, 3.5A V2: 7.5W, 1.5A
GCS265PS48	V1: 180W, 3.75A V2: 10W, 2A	V1: 90W, 1.875A V2: 5W, 1A	V1: 140W, 2.92A V2: 10W, 2A	V1: 70W, 1.46A V2: 5W, 1A	V1: 250W, 5.2A V2: 15, 3A	V1: 125W, 2.6A V2: 7.5W, 1.5A
GCS265PS56	V1: 180W, 3.2A V2: 10W, 2A	V1: 90W, 1.61A V2: 5W, A1	V1: 140W, 2.5A V2: 10W, 2A	V1: 70W, 1.25A V2: 5W, 1A	V1: 252W, 4.5A V2: 15W, 3A	V1: 125W, 2.23A V2: 7.5W, 1.5A

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
GCS265PS12	V1: 250W, 20.8A V2: 15W, 3A	V1: 125W, 10.4A V2: 7.5W, 1.5A	V1: 250W, 20.8A V2: 15W, 3A	V1: 125W, 10.4A V2: 7.5W, 1.5A	V1: 250W, 20.8A V2: 15W, 3A	V1: 125W, 10.4A V2: 7.5W, 1.5A
GCS265PS15	V1: 250W, 16.7A V2: 15W, 3A	V1: 125W, 8.3A V2: 7.5W, 1.5A	V1: 250W, 16.7A V2: 15W, 3A	V1: 125W, 8.3A V2: 7.5W, 1.5A	V1: 250W, 16.7A V2: 15W, 3A	V1: 125W, 8.3A V2: 7.5W, 1.5A
GCS265PS18	V1: 250W, 13.9A V2: 15W, 3A	V1: 125W, 6.9A V2: 7.5W, 1.5A	V1: 250W, 13.9A V2: 15W, 3A	V1: 125W, 6.9A V2: 7.5W, 1.5A	V1: 250W, 13.9A V2: 15W, 3A	V1: 125W, 6.9A V2: 7.5W, 1.5A
GCS265PS24	V1: 250W, 10.4A V2:15W, 3A	V1: 125W, 5.2A, V2: 7.5W, 1.5A	V1: 250W, 10.4A V2:15W, 3A	V1: 125W, 5.2A V2: 7.5W, 1.5A	V1: 250W, 10.4A V2:15W, 3A	V1: 125W, 5.2A V2: 7.5W, 1.5A
GCS265PS28	V1: 250W, 8.9A V2:15W, 3A	V1: 125W, 4.5A, V2: 7.5W, 1.5A	V1: 250W, 8.9A V2:15W, 3A	V1: 125W, 4.5A V2: 7.5W, 1.5A	V1: 250W, 8.9A V2:15W, 3A	V1: 125W, 4.5A V2: 7.5W, 1.5A
GCS265PS33	V1: 250W, 7.6A V2:15W, 3A	V1: 125W, 3.8A, V2: 7.5W, 1.5A	V1: 250W, 7.6A V2:15W, 3A	V1: 125W, 3.8A V2: 7.5W, 1.5A	V1: 250W, 7.6A V2:15W, 3A	V1: 125W, 3.8A V2: 7.5W, 1.5A
GCS265PS36	V1: 250W, 6.9A V2:15W, 3A	V1: 125W, 3.5A, V2: 7.5W, 1.5A	V1: 250W, 6.9A V2:15W, 3A	V1: 125W, 3.5A V2: 7.5W, 1.5A	V1: 250W, 6.9A V2:15W, 3A	V1: 125W, 3.5A V2: 7.5W, 1.5A
GCS265PS48	V1: 250W, 5.2A V2: 15W, 3A	V1: 125W, 2.6A V2: 7.5W, 1.5A	V1: 250W, 5.2A V2: 15W, 3A	V1: 125W, 2.6A V2: 7.5W, 1.5A	V1: 250W, 5.2A V2: 15W, 3A	V1: 125W, 2.6A V2: 7.5W, 1.5A
GCS265PS56	V1: 252W, 4.5A V2: 15W, 3A	V1: 125W, 2.23A V2: 7.5W, 1.5A	V1: 252W, 4.5A V2: 15W, 3A	V1: 125W, 2.25A V2: 7.5W, 1.5A	V1: 252W, 4.5A V2: 15W, 3A	V1: 125W, 2.23A V2: 7.5W, 1.5A

V2: 5V Standby Output

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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.
- 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.
- 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.
- 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

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

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