

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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PSG300C-85

AC 1U Standard/C series

Features



- 300W 6 Outputs, AC Active PFC Input design
- Meet Intel ATX 2.01/ATX 2.03/ATX 12V/ EPS
- Operating temperature range from 0°C to 50°C
- Build in DC remote ON/OFF, PG/PF TTL signal
- Build in long life ball bearing fan
- Build in thermal fan speed for noisy reduction
- Complies with FCC Class B, CISPR Pub. 22, EN55022 Class B, and CE requirements
- UL/cUL, CCC, TUV and CB EN 60950 certified
- MTBF 100KHRs @ 25 °C per MIL-HDBK-217F
- 3 years manufacturer warranty

Electrical Specifications

AC Input

- Input Voltage 90 – 264 VAC
- Input Current 6.3A max.
- Input Frequency 47 – 63 Hz
- Efficiency >68% @ full load, nominal line
- Inrush Current 80A max @ cold start
- Leakage Current 0.75mA max. @ 264Vac input

DC Output - 300W Max

Voltage	+5V	+12V	+3.3V*	-5V*	-12V*	+5VSB*
Max load – Rev A	35.0A	18.0A	28.0A	0.5A	1.0A	2.0A
Max load – Rev B	35.0A	18.0A	28.0A	---	3.0A	2.0A
Min load	0-1.0A	0-0.5A	0-0.3A	0.0A	0.0A	0.0A
Peak load	---	22.0A	---	---	---	---
Regulation	±5%	±5%	±5%	±5%	±5%	±5%
Ripple & Noise	50mV	120mV	50mV	100mV	120mV	50mV

- The continuous total output power is 300W max
- The combined power of +5V and +3.3V is 200W max
- The combined current of –5V and –12V is 1A max
- The –12V is 3A when –5V is not present
- The peak load on +12V lasting 15 seconds max
- The outputs marked with " * " can be optional
- Remote ON/OFF: TTL High/PS OFF, TTL Low/PS ON
- PG delay: 100-500 msec; PF delay: > 1 msec
- Hold-Up time: 16 msec (minimum) @ full load
- Transient Overshoot: 10% max w/ 20% load change
- Rise Time: 20 msec (maximum) @ full load
- Power Up Time: 800 msec (maximum) @ full load
- Over Power protection: 150% max of rated output
- Over Voltage protection on +5V, +12V, and +3.3V
- Short Circuit protection on all outputs

Mechanical Dimension

- W x L x H = 100 x 190 x 40 mm / 3.94 x 7.48 x 1.58 inch

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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