

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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Sparkle Power Inc.
A Leading Power Supply Manufacturer
Web site: www.sparklepower.com

SPI300GLS

(80PLUS, RoHS Compliant)

300 Watts SFX12V Switching Power Supply



Features

- Complied with SFX12V standard
- Active Power Factor Correction (PFC) meet EN61000-3-2
- High efficiency and reliability
- Compatible with European Union Directive 2002/95/EC (Restriction on Hazardous Substances).
- Remote ON/OFF function
- Internal 12V DC fan included
- Noise Killer (thermal fan speed control function)
- Low noise and ripple
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Re-settable power shut down
- Complies with FCC part 15 subpart J class B 115Vac operation, and CISPR 22 class B at 230Vac operation
- Approved by CUL/UL60950-1, CSA C22.2 NO. 60950-1, TUV EN60950-1, NEMKO EN60950-1+CB report, FCC, EMC

Specification

- **Temperature Range:** Operating: 0°C ~ +50°C ; storage & shipping: -20°C ~ +80°C
- **Humidity:** 5 ~ 95% on operating, 5 ~ 95% on storage
- **Dielectric Withstand:** Primary frame ground 1800V AC for 1 second
- **Efficiency**: **80%** minimum, **84.3%** on Typical Load .
- **Rise time:** Less than 20ms
- **Hold-up Time:** 17ms minimum at nominal input voltage
- **Power Good Signal:** Power on delay time 100 ~ 500ms, off delay 1ms minimum (TTL and CMOS compatible)
- **Leakage Current:** Less than 3.5mA .
- **MTBF:** 100,000 hours on maximum load at +25°C
- **Dimensions (LxWxH):** 100x125x63.5mm / 4x4.9x2.5inch

Input Characteristics

Input Range: 90 ~ 265Vac , Full Range Input
Frequency: 47 ~ 63Hz
Input Current: Max 4A @ 115Vac, 2A @ 230Vac
Inrush Current: No damage

Output Characteristics

Output Voltage	Minimum Load	Normal Load	Maximum Load	Peak Load	Load Reg.	Ripple & Noise
+3.3V	0.5A	10A	20A		± 5%	50mV P-P
+5V	0.3A	11A	22A		± 5%	50mV P-P
+12V1	1.0A	8A	16A		± 5%	120mV P-P
+12V2	1.0A	8A	16A	19A	± 5%	120mV P-P
-12V	0.0A	0.25A	0.5A		± 10%	120mV P-P
+5Vsb	0.0A	1.0A	2.0A	2.5A	± 5%	50mV P-P

*+3.3V and +5V total output not exceed 125W
* Total output for this subject power supply is300W

Sparkle Power Inc.
Main Office
1000 Rock Avenue
San Jose, CA 95131
TEL: 408-519-8888
FAX: 408-519-9999
E-MAIL: info@sparklepower.com

Sparkle Power Inc.
Los Angeles Office
17071 Green Drive
City of Industry, CA 91745
TEL: 626-839-7180
FAX: 626-839-3395

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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