



Sparkle Power Inc.

A Leading Power Supply manufacturer
Web site: www.sparklepower.com



FSP400-60GLC (With Active PFC)

400 Watts ATX12V-2.01, Switching Power Supply

Meet **Green Power** / **Blue Angel** / **EPA**

Features

- Complied with ATX and ATX12V standard
- Active Power factor correction (PFC) meet EN61000-3-2
- High efficiency and reliability
- Remote On/Off function
- Internal 12V DC fan included
- Noise Killer (Thermal fan speed control function)
- Low noise and ripple
- Complies with FCC part 15 subpart J class B and CISPR 22 Class B
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Re-settable power shut down
- Approved by UL60950, CSA C22.2, TUV or VDE, NEMKO (CB Report), IEC 60950 and CE

Input Characteristics

Input Range: 90~265V AC, Full Input Range

Frequency: 47~63Hz

Input Current: 5A (RMS) @115V AC, 2.5A (RMS) @230VAC

Inrush Current: No damage, typical 100A Max at cold start

Output Characteristics

Output Voltage	Minimum Load	Normal Load	Maximum Load	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.5A	15A	30A	± 5%	± 1%	50mV P-P
+5V	0.3A	15A	30A	± 5%	± 1%	50mV P-P
+12V1DC	1.0A	7A	14A	± 5%	± 1%	120mV P-P
+12V2DC	1.0A	7.5A	15A	± 5%	± 1%	120mV P-P
-12V	0.0A	0.4 A	0.8 A	± 10%	± 1%	120mV P-P
+5Vsb	0.0A	1.0 A	2.0 A	± 5%	± 1%	50mV P-P

*+3.3V and +5V total output not exceed 152W

*Total output for this subject power supply is 400W

Specification

- **Temperature Range:** Operating 0° C ~ +50° C on full load; storage & shipping -20° C ~ +80° C
- **Humidity:** 5~95% on operating and storage
- **Dielectric Withstand:** Primary to frame ground 1800V AC for 1 second
- **Efficiency:** min **80%** at 230VAC & **75%** at 115VAC main voltage and frequency with maximum load on all output
- **Rise Time:** Less than 20ms
- **Hold-up Time:** 17ms minimum at nominal input voltage
- **Power Good Signal:** Power on delay time 100 ms to 500 ms, off delay 1ms minimum (TTL and CMOS compatible)
- **Leakage Current:** Less than 3.5mA at 115V AC/60Hz
- **MTBF:** 100,000 hours on maximum load at +25° C degree
- **Dimension (WxHxL):** 150x86x140mm/5.9"x3.4"x5.5" inches

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Main Office

1000 Rock Avenue
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TEL: 408-519-8888
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E-MAIL: info@sparklepower.com

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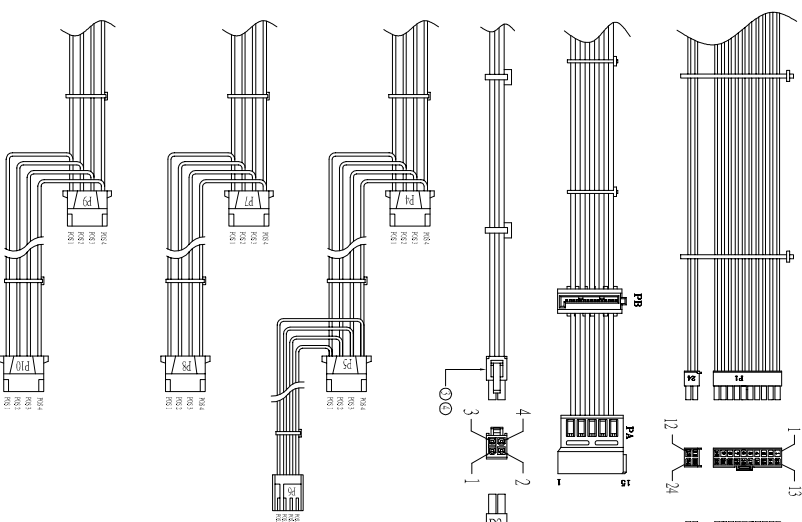
Los Angeles Office

17071 Green Drive
City of Industry, CA 91745
TEL: 626-839-7180
FAX: 626-839-3395

Sparkle Power Inc.

Colorado Office

1316 Indian Paintbrush Lane
Longmont, CO 80503
TEL: 303-776-3281
FAX: 303-776-7645

UNIT:mm

1. ALL THE LENGTH OF
OUTPUT WIRES EXCLUDE HOUSING
2. 產地標籤依業務指示加貼。

MODEL NO. : FSP400-60GLC(S031)		TITLE: ASSY		SHEET: 1 OF 1		REV: A3	
R&D	PE	CHECKED	DESIGN	DRAWN	DATE		
					JAN.09.2006		
INTERIOR COUNTERSIGN:						劉啓全	

P/N.:9PA4001701
SPI P/N.:FSP400GLCR-B204