



查询SPI1000GCM供应商
Sparkle Power Inc.

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

捷多邦, 专业PCB打样工厂, 24小时加急出货

MAGNA 1000(R-SPI1000GCM)

(RoHS Compliant)

1000 Watts ATX12V and EPS12V Switching Power Supply

Features

- Complied with ATX12V and EPS12V 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 UL, CSA22.2 NO or CUL 60950-1, TUV or VDE, EMC, FCC, CE, CB report.

Input Characteristics

Input Range: 99 ~ 265Vac (RMS), Full Range Input

Frequency: 47 ~ 53Hz

Input Current: Max 11.5A (RMS) @ 115Vac, 6A (RMS) @ 230Vac

Inrush Current: No damage

Output Characteristics

Output Voltage	Minimum Load	Normal Load	Maximum Load	Load Reg.	Ripple & Noise
+3.3V	0.8A	15A	30A	± 5%	75mV P-P
+5V	0.5A	15A	30A	± 5%	75mV P-P
+12V1~+12V4	0.5A	10A	20A	± 5%	140mV P-P
-12V	0.0A	0.5A	1A	± 10%	200mV P-P
+5Vsb	0.1A	1.5A	3.0A	± 5%	75mV P-P

*+3.3V and +5V total output not exceed 175W.

*+3.3V and +5V & +12V outputs power should not exceed 975W

* Maximum combined current for the 12V outputs shall be 75A.

*Total output for this subject power supply is 1000W.

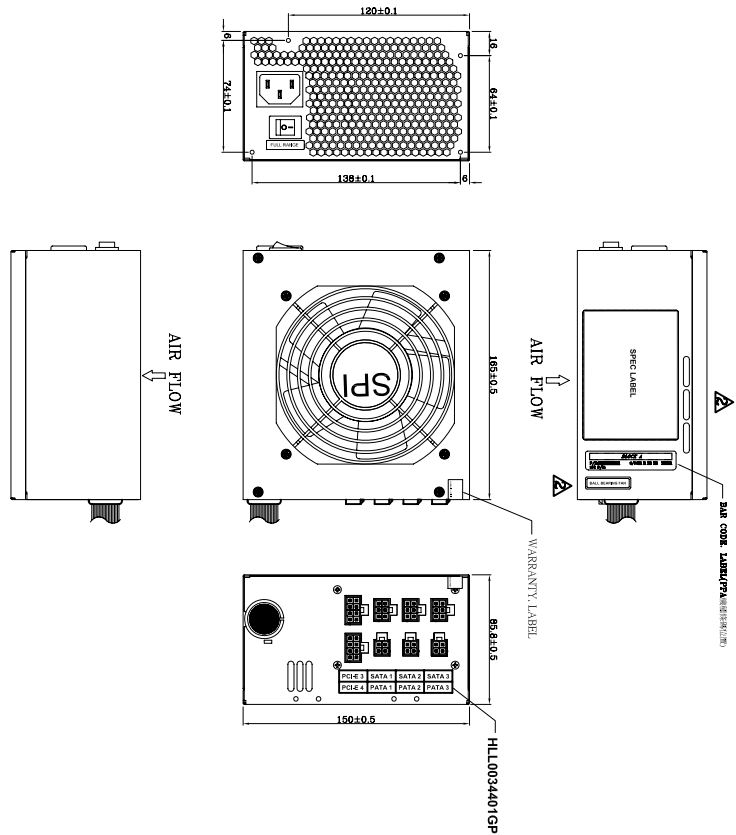


Specification

- Temperature Range:** Operating: 10°C ~ +40°C ; De-rate 10W/°C from 25°C to 40°C, 1000W at 25°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:** typical > 80%
- Rise time:** Less than 20ms
- Hold-up Time:** 20ms 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):** 165x150x85.8mm/6.5x5.9x3.4inch

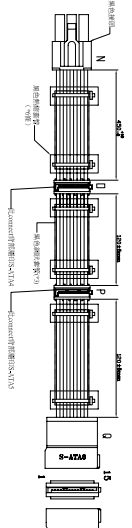
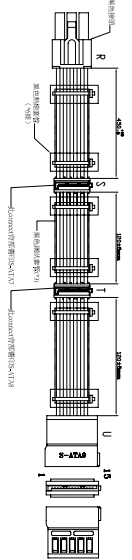
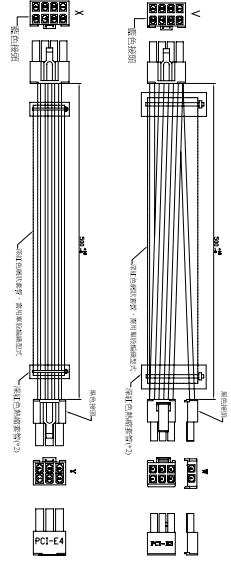
REF. ID	REF. NO.	SIGNAL	WIRE COLOR	CONNECTION TYPE	CABLE LENGTH
1		+3.3V	ORANGE	DATA2000-APP or EQUIV.	500±10 mm
2		+3.3V	ORANGE	DATA2000-APP or EQUIV.	500±10 mm
3		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
4		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
5		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
6		+5V	RED	DATA2000-APP or EQUIV.	500±10 mm
7		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
8		PRR-OK	GRAY	DATA2000-APP or EQUIV.	500±10 mm
9		+5V&S	PURPLE	DATA2000-APP or EQUIV.	500±10 mm
10		+15V	YELLOW	DATA2000-APP or EQUIV.	500±10 mm
11		+12V	YELLOW	DATA2000-APP or EQUIV.	500±10 mm
12		+3.3V	ORANGE	DATA2000-APP or EQUIV.	500±10 mm
13		+3.3V	ORANGE	DATA2000-APP or EQUIV.	500±10 mm
14		-12V	BLUE	DATA2000-APP or EQUIV.	500±10 mm
15		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
16		PS-ON#	GREEN	DATA2000-APP or EQUIV.	500±10 mm
17		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
18		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
19		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
20		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
21		+5V	RED	DATA2000-APP or EQUIV.	500±10 mm
22		+5V	RED	DATA2000-APP or EQUIV.	500±10 mm
23		+5V	RED	DATA2000-APP or EQUIV.	500±10 mm
24		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
25		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
26		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
27		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
28		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
29		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
30		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
31		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
32		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
33		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
34		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
35		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
36		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
37		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
38		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
39		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
40		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
41		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
42		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
43		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
44		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
45		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
46		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
47		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
48		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
49		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
50		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
51		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
52		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
53		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
54		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
55		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
56		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
57		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
58		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
59		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
60		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
61		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
62		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
63		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
64		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
65		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
66		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
67		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
68		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
69		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
70		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
71		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
72		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
73		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
74		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
75		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
76		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
77		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
78		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
79		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
80		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
81		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
82		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
83		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
84		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
85		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
86		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
87		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
88		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
89		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
90		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
91		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
92		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
93		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
94		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
95		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
96		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
97		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
98		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
99		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm
100		COM	BLACK	DATA2000-APP or EQUIV.	500±10 mm

CASE顏色為BLACK C 2X加亮光漆



* 12V Output Distribution List

12V1	P2,P3
12V2	P4,P5
12V3	P1,A-U
12V4	V-Y



UNIT:mm

MODEL NO. : SP11000GCM(S03001)	TITLE: ASSY	SHEET: 1 OF 1			
R&D(8)	PE	CHECKED	DESIGN	DRAWN	DATE
INTERIOR COUNTERSIGN:					

P/N.:9PA10A07