



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



SPI350ACAG

(80PLUS Gold, RoHS Compliant)

**350 Watts ATX12V 2.3 Switching Power Supply
Meet 2010 ErP**

Features

- Complied with ATX12V 2.3 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, TUV EN60950-1, CB 60950-1 report, FCC, EMC.

Input Characteristics

Input Range: 90 ~ 264Vac, Full Range Input

Frequency: 47 ~ 63Hz

Input Current: Max 6A @ 115Vac, 4A @ 230Vac

Inrush Current: No damage.

Output Characteristics

	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD	LOAD REG.	LINE REG.	RIPPLE & NOISE
+3.3V	0.1A	12A	21/8.5A	±5%	±1%	50mV P-P
+5V	0.2A	8A	6.7/15A	±5%	±1%	50mV P-P
+12V1	0.1A	8A	16A	±5%	±1%	120mV P-P
+12V2	0A	8A	16A	±5%	±1%	120mV P-P
-12V	0A	0.15A	0.3A	±10%	±2%	200mV P-P
+5Vsb	0A	1.5A	3A	±5%	±1%	50mV P-P

- *+12V1,2,3,4 Peak current is 20A (less than 10mS)
- *+5V_{sb} peak current is 4A (less than 0.5S)
- *+3.3V & +5V total output does not exceed 103W
when +5V is loaded to 15A, then +3.3V maximum load is 8.5A
when +3.3V is loaded to 21A, then +5V maximum load is 6.7A
- *+12V1 & +12V2 total output does not exceed 336W(28A)

Sparkle Power Inc.

Main Office

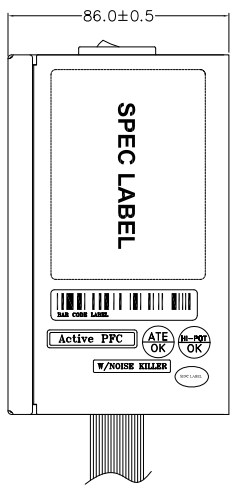
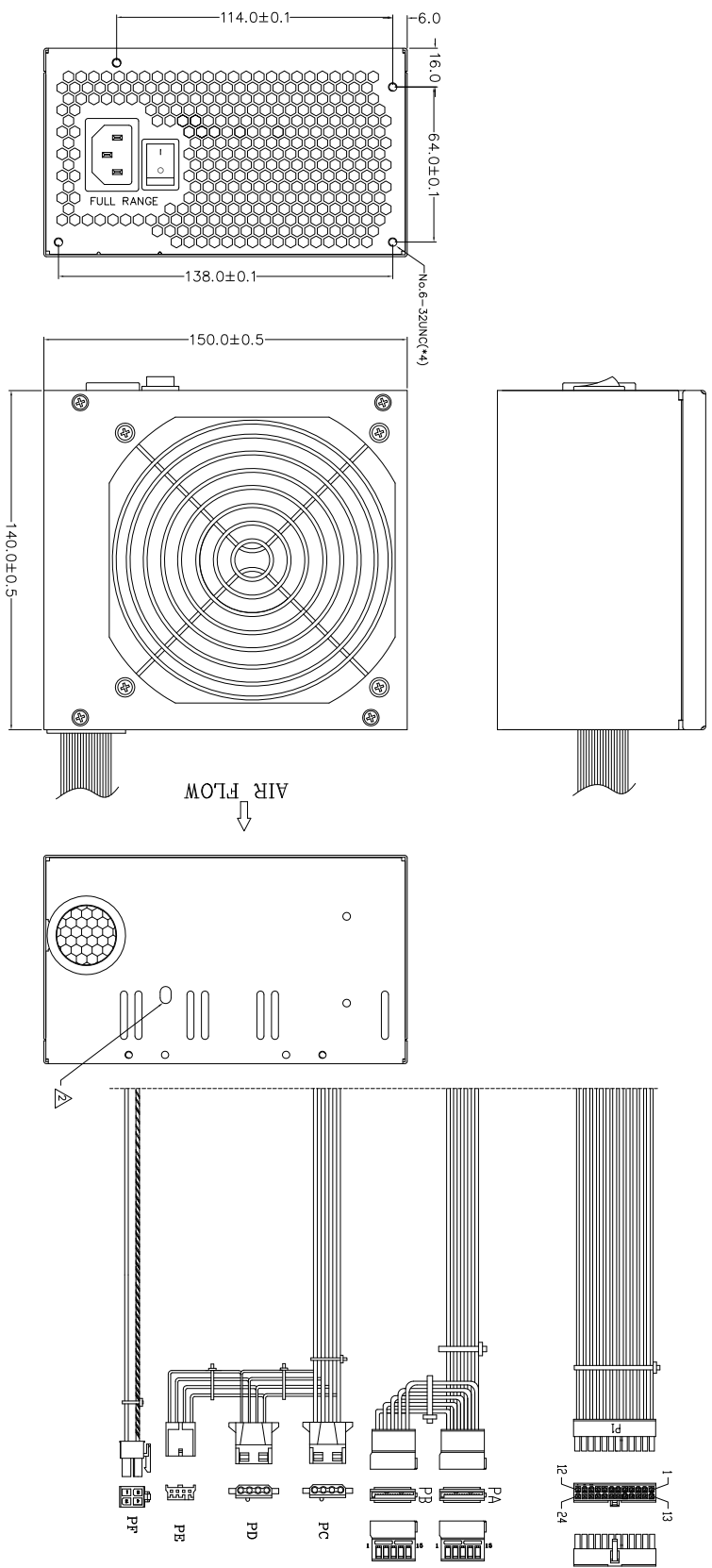
1000 Rock Avenue
San Jose, CA 95131
TEL: 408-519-8888
FAX: 408-519-9999
E-MAIL: info@sparklepower.com

Sparkle Power Inc.

Los Angeles Office

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

REF. ID. NO.	SIGNAL	WIRE COLOR	CONDUCTOR TYPE	CABLE LENGTH
P1	1 +3.3VDC	ORANGE	18 AWG	400 ±38 mm
	2 +5VDC	ORANGE	18 AWG	
	3 GND	RED	18 AWG	
	4 +5VDC	RED	18 AWG	
5	COM	BLACK	18	
6	+5VDC	RED	18	
7	COM	BLACK	18	
8	+5VDC	RED	18	
9	COM	BLACK	18	
10	+5VDC	RED	18	
11	+12V	YELLOW	18	
12	+3.3VDC	ORANGE	18	
13	+5VDC	BROWN	24	
14	+12VDC	BLU	24	
15	COM	BLACK	18	
16	PS-ON	GREEN	24	
17	COM	BLACK	18	
18	COM	BLACK	18	
19	COM	BLACK	18	
20	COM	BLACK	18	
21	+5VDC	RED	18	
22	+5VDC	RED	18	
23	+5VDC	RED	18	
24	COM	BLACK	18	
PA	1 +3V	ORANGE	18 AWG	300 ±38 mm
	2 COM	BLACK	18	
	3 +5V	RED	18	
	4 +12V	YELLOW	18	
PB	1 +3.3V	ORANGE	18 AWG	150±10mm
	2 COM	BLACK	18	
	3 +5V	RED	18	
	4 +12V	YELLOW	18	
PC	1 +12V	YELLOW	18 AWG	300 ±38 mm
	2 COM	BLACK	18	
	3 +5V	RED	18	
	4 +12V	RED	18	
PD	1 +12V	YELLOW	18 AWG	150±10mm
	2 COM	BLACK	18	
	3 +5V	RED	18	
	4 +12V	RED	18	
PE	1 +12V	YELLOW	22 AWG	150±10mm
	2 COM	BLACK	22	
	3 +5V	RED	22	
	4 +12V	RED	22	
PF	1 COM	BLACK	18 AWG	350 ±38 mm
	2 COM	BLACK	18	
	3 +12V	RED/BLACK	18	
	4 +12V	RED/BLACK	18	



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

SPI P/N: SPI350ACAG

MODEL NO. : SPI350ACAG	TITLE: ASSY	SHEET: 1 OF 1	REV:02
R&D(1)	PE	DRAWN	DATE
			NDV.10.2010

Mechanical Drawing(外觀/機構圖)表單編號7000P-0111