

Country of Origin : China  
 Operating Temperature : 0 ~ 40° C  
 Dimension : 140 x 150 x 86 mm  
 Approvals / Marks : UL, CSA, TÜV, CB, CE



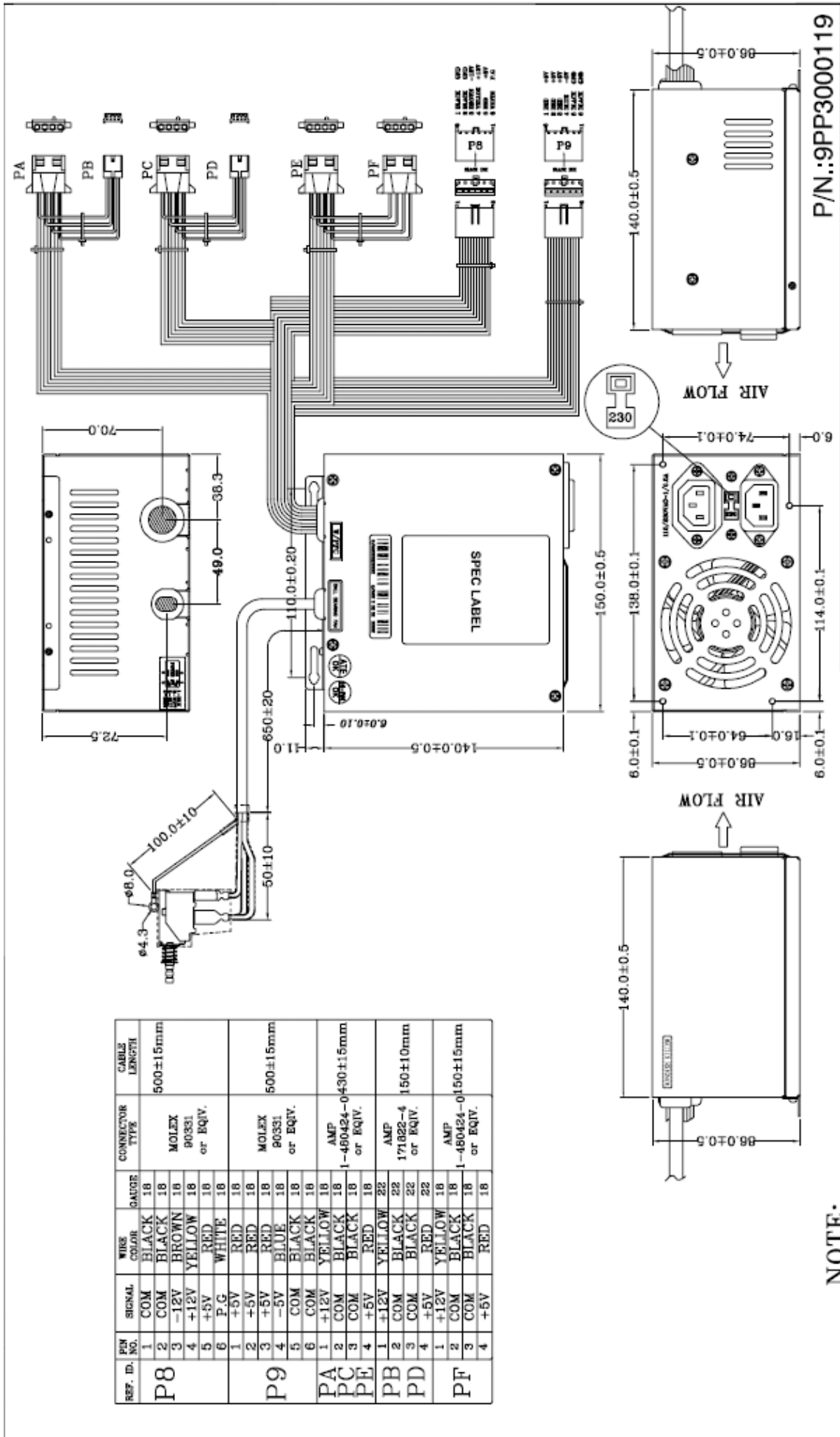
## Features:

AT PS/2-form factor PC power supply  
 Resettable Power Shutdown  
 Built-in ball bearing fan cooling  
 Over load, over voltage & short circuit protection  
 100% 50°C burn-in test  
 1 year warranty

## Specification:

		V1	V2	V3	V4
OUTPUT	Voltage	+5V	+12V	-5V	-12V
	Load min.	3A	1.0A	0A	0A
	Load max.	30A	12A	0.5A	0.5A
	Load Tolerance	±5%	±5%	±10%	±10%
	Line Tolerance	±1%	±1%	±2%	±2%
	Ripple & Noise (max)	50mV	120mV	150mV	150mV
	Efficiency (min)	65% @ full load			
INPUT	Voltage	90 ~ 132VAC / 180 ~ 264VAC switch selection			
	Frequency	47 ~ 53 Hz			
	Current	3A@230VAC			
	Inrush Current	< 55A cold / < 90A warm			
PROTECTION	Overload	+5VDC: 65A / +12VDC: 25A			
	Short Circuit	The supply may shut down in the event of a short circuit and require power-on restart.			
	Line Input	Fuse			
OTHERS	Risetime	< 100mS (10-90%)			
	Holdup time	> 10ms @ full load, input 230VAC / 50Hz			
	Power Good / Fail	turn-on delay 100~500mS / 1mS			
	Cooling	A 36CFM (min.) DC ball bearing fan			
	Withstand Voltage	I/P-O/P: 1.8KVAC, I/P-FG 1.8KVAC			
Environment	Temperature	Operating: 0 ~ 40°C / Storage: -20 ~ 65°C			
	Humidity	5% ~ 95% RH (non condensing)			
M.T.B.F.	> 50 K hours ( according to MIL-HDBK-217F at 40°C environment)				
SAFETY	Approved: UL 60950 / CSA C22.2 No 60950 / TÜV EN60950				
EMC	EMI	Meet FCC and VFC243 Class B			
	EMS				
WEIGHT	N.W.: 1.9 kg				

# FS 300 / SPI 300



REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P8	1	COM	BLACK	18	MOLEX 90331 or EQIV.	500±15mm
	2	COM	BLACK	18		
	3	-12V	BROWN	18		
	4	+12V	YELLOW	18		
	5	+5V	RED	18		
	6	P.C.	WHITE	18		
P9	1	+5V	RED	18	MOLEX 90331 or EQIV.	500±15mm
	2	+5V	RED	18		
	3	+5V	RED	18		
	4	-5V	BLUE	18		
	5	COM	BLACK	18		
	6	COM	BLACK	18		
PA	1	+12V	YELLOW	22	AMP 1-460424-0430±15mm or EQIV.	500±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PB	1	+12V	YELLOW	22	AMP 171822-4 or EQIV.	150±10mm
	2	COM	BLACK	22		
	3	COM	BLACK	22		
	4	+5V	RED	22		
PD	1	+12V	YELLOW	18	AMP 1-460424-0150±15mm or EQIV.	500±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		

**NOTE:**  
1. ALL THE LENGTH OF OUTPUT WIRES EXCLUDE HOUSING.

MODEL NO. : SPI-300G(G044)	TITLE: ASSY	SHEET: 1 OF 1 REV:01
R&D	PE	DATE
INTERIOR COUNTERSIGN:	DRAWN	JUL.01.2005

P/N.:9PP3000119

UNIT:mm