



Features

- Low Cost
- Enclosed Cover
- Power Factor Correction
- Low Profile Design

Applications

- Test Equipment
- Low Profile Racks
- Process Control
- Networking
- Business Machines

Safety Approvals Pending

- cUL 1950, 3rd Edition
- CE (Low Voltage Directive)
- TUV EN60950

Mechanical Characteristics

Dimensions: Length: 201.4+/-0.1mm (7.93in) Height: 39.1+/-0.1mm (1.54in)
 Width: 99.4+/-0.1mm (3.91in) Weight: 0.9kg (1.98lb.)

Output Specifications

Model	DC Outputs Voltage	Load			Ripple and Noise	Regulation	
		Min.	Conv.	Max.(30cfm)		Line	Load
PSF149-401	5V	3A	9A	15A	50mV p-p	1%	0.5%
	-5V	0.2A	0.6A	1A	100mV p-p	2%	0.5%
	-12V	0.2A	0.6A	1A	100mV p-p	2%	0.5%
	+12V	1A	3A	5A	100mV p-p	2%	0.5%

INPUT:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Input Surge Current

60A max.@cold start for 230VAC

Input Current

4A max.

OUTPUT:

Efficiency

70% min.@115VAC and max. load

Hold-up Time

16mS min.@120VAC and max. Load

Power Factor Correction

>0.9@max. load

Overvoltage Protection

6.8V max. for +5V

Overcurrent Protection

All outputs equipped with short circuit protection

ENVIRONMENTAL:

Operation Temperature

0 to 50°C

Storage Temperature

-25°C to +85°C

Humidity

20 to 90%

Emissions

FCC Class A

EN 55022 Class A

Immunity

ESD EN61000-4-2: Level 3

RS EN61000-4-3: Level 2

FET/Burst EN61000-4-4: Level 2

Surge EN61000-4-5: (L-G) Level 3
(L-N) Level 2

CS EN61000-4-6: Level 2

DIP EN61000-4-11

Harmonic EN61000-3-2 Class D

Flicker EN61000-3-3

GENERAL:

Dielectric Withstand (HIPOT) Test

Primary to secondary: 3000VAC 10mA

1 min.@without U-CASE

MTBF (Full load, 25°C)

50K Hrs min. at max. load

25°C ambient temperature

Dimension Diagram Unit: mm (inch)

