

# FSP350-50FFB

## FEATURES

- 350W Flex IPC Power Supply
- Meet 80 Plus Bronze
- Designed for 5,000 Meter above sea level
- High Reliability – 24/7 working condition
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



## SAFETY STANDARD APPROVAL



## DESCRIPTION

FSP350-50FFB is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 350 Watts, which makes it to be perfectly fit in a standard 1U server chassis, and used in an industrial or small space environment. This power supply is ideally the best choice for server, communication or any other automation applications.

## GENERAL SPECIFICATIONS

Max. Output Power	350W	Environment	
Dimension (L x W x H):	81.5 x 40.50 x 150 (mm)	Working temperature:	0°C to 50°C
Hold-up time at 100%	115V / 60Hz: ≥ 10ms	Storage temperature:	-20°C to + 80°C
	230V / 50Hz: ≥ 10ms	Working humidity:	85% RH non-condensing
Efficiency:	80 Plus Bronze	Storage humidity:	95% RH non-condensing
MTBF:	≥ 100,000 hours of continuous operation at 25°C, max.-output load	Applications:	Networking ,Storage System, IPC Controller

## INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	max. 115Vac @ 6A, 230Vac @ 3A

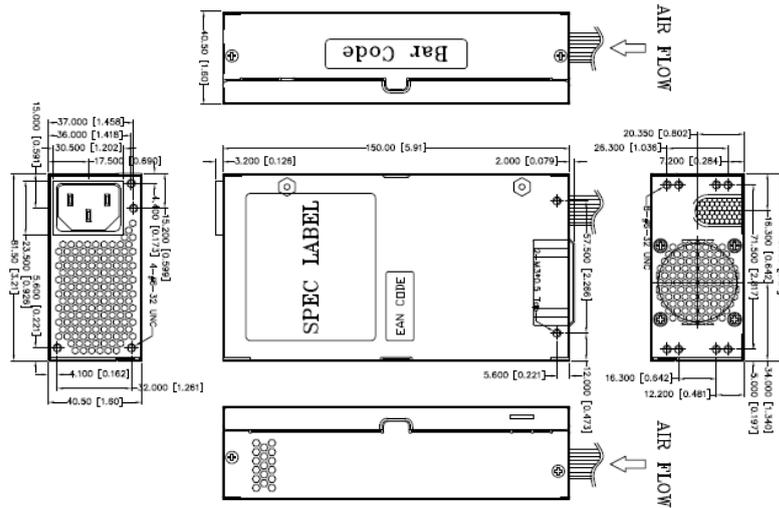
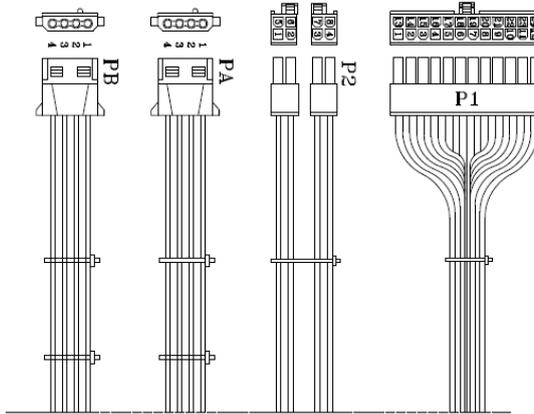
## OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5V <sub>sb</sub>
Max.	12.0A	14.0A	29.0A	0.3A	2.5A
Min.	0.0A	0.0A	0.0A	0.0A	0.0A
Regulation	±5%	±5%	±5%	±5%	±5%
Ripple/Noise	50 mV				

The +3.3V and +5V total output shall not exceed 80W

**MECHANICAL SPECIFICATIONS**

UNIT: mm PN# 9PA350DC01



NO.	WIRE	WIRE COLOR	GAIN	CONDUCTOR TYPE	LENGTH
1	+3.3V	ORANGE	20	ENAMEL	900±15
2	+3.3V	ORANGE	20	18-01-2540	mm
3	COM	BLACK	20	ENAMEL	900±15
4	+5V	RED	20	ENAMEL	900±15
5	COM	BLACK	20	ENAMEL	900±15
6	+5V	RED	20	ENAMEL	900±15
7	COM	BLACK	20	ENAMEL	900±15
8	PGND	GRAY	24	ENAMEL	900±15
9	+5VSB	PURPLE	20	ENAMEL	900±15
10	+15V	YELLOW	20	ENAMEL	900±15
11	+15V	YELLOW	20	ENAMEL	900±15
12	+3.3V	ORANGE	20	ENAMEL	900±15
13	+3.3V	ORANGE	24	ENAMEL	900±15
14	-15V	BLUE	24	ENAMEL	900±15
15	COM	BLACK	20	ENAMEL	900±15
16	PGND	GREEN	24	ENAMEL	900±15
17	COM	BLACK	20	ENAMEL	900±15
18	COM	BLACK	20	ENAMEL	900±15
19	COM	BLACK	20	ENAMEL	900±15
20	COM	BLACK	20	ENAMEL	900±15
21	+5V	RED	20	ENAMEL	900±15
22	+5V	RED	20	ENAMEL	900±15
23	+5V	RED	20	ENAMEL	900±15
24	COM	BLACK	20	ENAMEL	900±15
1	COM	BLACK	20	ENAMEL	900±15
2	COM	BLACK	20	ENAMEL	900±15
3	COM	BLACK	20	ENAMEL	900±15
4	COM	BLACK	20	ENAMEL	900±15
5	+15V	YELLOW	20	ENAMEL	900±15
6	+15V	YELLOW	20	ENAMEL	900±15
7	+15V	YELLOW	20	ENAMEL	900±15
8	+15V	YELLOW	20	ENAMEL	900±15
1	+15V	YELLOW	20	ENAMEL	900±15
2	COM	BLACK	20	ENAMEL	900±15
3	COM	BLACK	20	ENAMEL	900±15
4	+15V	RED	20	ENAMEL	900±15
1	+15V	YELLOW	20	ENAMEL	900±15
2	COM	BLACK	20	ENAMEL	900±15
3	COM	BLACK	20	ENAMEL	900±15
4	+15V	RED	20	ENAMEL	900±15