

## FSP 180-50MP



- Dimension : 190 x 81.5 x 40.5 mm
- Application : For Industry Use
- Watt : 180
- PFC : Active

### Safety



### Features

- High efficiency
- Low Ripple & Noise
- Output over voltage protection
- Short circuit protection on all outputs
- Resetable power shut down
- Low Noise Design at full load
- 100% burn-in under high ambient temperature(50°C)
- Vacuum-impregnated transformer
- MTBF:100K hours at 25°C
- 100% Hi-pot tested
- Line input fuse protection

### Specifications

#### INPUT SPECIFICATIONS

· Input voltage:	Full Range Input
· Input frequency:	47 Hz to 63 Hz
· Inrush current:	50Amps-peak/115Vac 80Amps-peak/230Vac
· Input current:	4.0Amps/115Vac 2.0Amps/230Vac

#### OUTPUT SPECIFICATIONS

· Over voltage protection:	+12V output:15.6V max; +5V output: 6.5V max; +3.3V output: 4.5V max.
· Overload protection:	+5V: 32Amps;

+3.3V: 32Amps;  
+12V: 20Amps.

- Short circuit protection: not cause any damage to the power supply, including the primary fuse.

### GENERAL SPECIFICATIONS

- Hold-up time: 17ms at 115Vac/60Hz,  
17ms at 230Vac/50Hz.
- Efficiency: 68% min. 115Vac at full load  
68% min. 230Vac at full load
- MTBF: 100,000 hours at full load at 25°C
- Power good signal: 100ms to 500 ms

### ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: 0°C to +50°C
- Storage temperature: -20°C to +80°C
- Relative humidity: 5% to 95% RH non-condensing

#### Output

Output Voltage	Min. load	Max. load	Load Reg.	Ripple & Noise
+5Vsb	0.0A	2.0A	+/-5%	50mV P-P
-12V	0.0A	0.8A	+/-10%	120mV P-P
+12V	1.5A	12.0A	+/-5%	120mV P-P
+5V	0.5A	12.0A	+/-5%	50mV P-P
+3.3V	0.3A	16.8A	+/-5%	50mV P-P

- +3.3V & +5V total output not exceed 61W
- +3.3V & +5V & +12V total output not exceed 165W