SFX 450W

M.A.P electronics co., ltd.
MATERIAL All Procurement

FSP450-50SAC

Features
- Certified CB 62368-1
- Meet 80 Plus Bronze
- Intel Design ATX 12V V1.4
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL

CE FC Comply with FCC standards C UL US TÜV

DESCRIPTION

FSP SAC Series features with eco-friendly design, which allows SAC series to reach up to 85% efficiency. SAC series also equipped with complete protection to prevent your system from damage. SAC series does the job efficiently and reliably, making it a stable power supply unit built to satisfy the demands of all kind of system build.

GENERAL SPECIFICATIONS

Dimension:	100 x 125 x 63.5 (mm)
(L x W x H)	3.94 x 4.92 x 2.50 (inch)
Efficiency:	80 Plus Bronze
Hold-up time:	115V / 60Hz: ≥ 16ms
	230V / 50Hz: ≥ 16ms
Operating altitude	2,000 meters above sea level
MTBF:	100,000 hours of continuous operation at 25°C, Max. output load

Environment

Working temperature:	0°C to 40°C
Storage temperature:	-20°C to + 80°C
Working humidity:	90% RH non-condensing
Storage humidity:	90% RH non-condensing

INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	50-60Hz
Input current:	115Vac @ 6A, 230Vac @ 2.5A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	37.5A	0.3A	2.5A
Min.	0A	0A	0.1A	0A	0A
Regulation	±5%	±5%	±5%	±5%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

The +3.3V and +5V total output shall not exceed 85W

MECHANICAL SPECIFICATIONS