

FSP650-50ABA

Features

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



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP ABA Series features with eco-friendly design, which allows ABA series to reach up to 90% efficiency. ABA series also equipped with complete protection to prevent your system from damage. ABA 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:	140 x 150 x 86 (mm)	Environment	
(L x W x H)	5.51 x 5.91 x 3.39 (inch)	Working temperature:	0°C to 50°C
Efficiency:	80 Plus Gold	Storage temperature:	-20°C to + 80°C
Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms	Working humidity:	90% RH non-condensing
Operating altitude	2,000 meters above sea level	Storage humidity:	90% RH non-condensing
MTBF:	100,000 hours of continuous operation at 25°C, Max. output load		

INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	115Vac @ 8A, 230Vac @ 4A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	54.17A	0.3A	3.0A
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 100W

MECHANICAL SPECIFICATIONS

