

FSP850-50ABB, GEN5

Features

- Certified CB 62368-1
- Meet 80 Plus GOLD Efficiency
- Intel Design Guide ATX 12V V3.0
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 50ABB Series features with eco-friendly design, which allows 50ABB series to reach up to 90% efficiency. 50ABB series also equipped with complete protection to prevent your system from damage. 50ABB 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:	150 x 150 x 86 (mm)	Environment	
(L x W x H)	5.91 x 5.91 x 3.39 (inch)	Working temperature:	0°C to 50°C
Efficiency:	80 Plus GOLD Efficiency	Storage temperature:	-40°C to + 70°C
Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms	Working humidity:	~90% RH non-condensing
Operating altitude	5,000 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:	115 Vac @ 11A, 230 Vac @ 5.5A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	70.83A	0.3A	2.5A
Min.	0A	0A	0A	0A	0A
Regulation	±3%	±3%	±1%	±10%	±3%
Ripple/Noise	30 mV	30 mV	60 mV	100 mV	30 mV

- (1) The +3.3V and +5V total output shall not exceed 120W
- (2) Maximum combined current for the +12V outputs shall be 70.83A.

MECHANICAL SPECIFICATIONS

