



FSP850-27ARB

Features

- Certified CB 62368
- 80 Plus GOLD Efficiency
- Intel Design Guide ATX 12VO Rev. 2.0
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 27ARB Series features with eco-friendly design, which allows 27ARB series to reach up to 90% efficiency. 27ARB series also equipped with complete protection to prevent your system from damage. 27ARB 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)
(L x W x H)	5.51 x 5.91 x 3.39 (inch)
Efficiency:	80 Plus Gold Efficiency

Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms (at 90% continuous output load)
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Operating altitude	5,000 meters above sea level
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MTBF:	100,000 hours of continuous operation at 25°C, Max. output load
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Environment

Working temperature:	0°C to 50°C
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Storage temperature:	-40°C to + 70°C
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Working humidity:	~90% RH non-condensing
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Storage humidity:	~90% RH non-condensing
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INPUT SPECIFICATIONS

Input voltage:	100-240Vac
Input frequency:	50-60Hz
Input current:	115 Vac @ 12A, 230 Vac @ 6A

OUTPUT RATING

AC INPUT	100-240V	
DC OUTPUT	+12V	+12VSB
MAX CURRENT	70.83A	1.5A
MAX COMBINE	850W	18W
TOTAL	850W	

(1) +12V and +12Vsb total output shall not exceed 850W.

(2) The PSU shall deliver total power output wattages continuously when ambient temperature is under 50°C without damage and the maximum fan speed shall be controlled by fan curve chart.

MECHANICAL SPECIFICATIONS

