

## FSP1000-57ASB, GEN5

### Features

- Certified CB 62368-1
- Meet 80 Plus Platinum 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 57ASB Series features with eco-friendly design, which allows 57ASB series to reach up to 92% efficiency. 57ASB series also equipped with complete protection to prevent your system from damage. 57ASB 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

|                           |   |                             |                        |
|---------------------------|---|-----------------------------|------------------------|
| <b>Dimension:</b>         | 150 x 130 x 86 (mm)   | <b>Environment</b>          |                        |
| <b>(L x W x H)</b>        | 5.91 x 5.22 x 3.39 (inch)                                       | <b>Working temperature:</b> | 0°C to 50°C            |
| <b>Efficiency:</b>        | 80 Plus Platinum Efficiency                                     | <b>Storage temperature:</b> | -40°C to + 70°C        |
| <b>Hold-up time:</b>      | 115V / 60Hz: ≥ 17ms<br>230V / 50Hz: ≥ 17ms                      | <b>Working humidity:</b>    | ~90% RH non-condensing |
| <b>Operating altitude</b> | 5,000 meters above sea level                                    | <b>Storage humidity:</b>    | ~90% RH non-condensing |
| <b>MTBF:</b>              | 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 @ 13A, 230 Vac @ 6A |

## OUTPUT RATING

| Outputs      | +3.3V | +5V   | +12V   | -12V  | +5Vsb |
|--------------|-------|-------|--------|-------|-------|
| Max          | 20A   | 20A   | 83.33A | 0.3A  | 3.0A  |
| Min.         | 0A    | 0A    | 0A     | 0A    | 0A    |
| Regulation   | ±3%   | ±3%   | ±1%    | ±10%  | ±3%   |
| Ripple/Noise | 30 mV | 30 mV | 40 mV  | 70 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 83.33A.

## MECHANICAL SPECIFICATIONS

