

## DESCRIPTION

This is the specification of Model FSP250-60GHT,(85)F; AC-line powered switching power supply with active PFC (Power Factor Correction) circuit, meet EN61000-3-2 and with Full Range Input features. Also, +5Vsb power is less than 0.5W input at power off mode (PS\_ON input at high state) which is comply with ErP Lot 6 year 2013 requirement.

## APPLICATION

Desktop , Mini-itx

## WATTAGE

**Wattage:** 250W

## DIMENSION

**Dimension:** 175mm(L) x 85mm(W) x 70mm(H)

## PRODUCT HIGHLIGHT

**Efficiency Level:** 80PLUS Bronze  
**Erp Lot:** <0.5W  
**Input Voltage:** 100~240Vac

## INPUT SPECIFICATION

**Input Range:** 100-240 Vac  
**Input Frequency:** 47-63 Hz  
**Input Current:** 115V < 3.0 Amps - rms  
 230V < 1.5 Amps - rms

## OUTPUT SPECIFICATION



(Flat case)

## SAFETY STANDARD APPROVAL



## GENERAL SPECIFICATION

**Efficiency:** 80PLUS Bronze  
**PWOK Delay Time:** 500ms > PWOK > 100ms  
**EMC Performance:** EN55022 class B  
 EN55024  
 EN 61000-3-2  
 EN 61000-3-3

## ENVIRONMENTAL SPECIFICATION

**TEMP.Range:** Operating Temperature: 10°C to +50°C  
 Storage Temperature: -20°C to +80°C

**MTBF:** The power supply reliability when calculated by MIL-HDBK-217; latest revision, are exceed 100,000 hours with all output at 80% full load and an ambient temperature of 25°C.

## \*Output Voltage and Current Rating

	<b>+3.3V</b>	<b>+5V</b>	<b>+12V1</b>	<b>+12V2</b>	<b>-12V</b>	<b>+5Vsb</b>
<b>Ripple-Noise(R-P) mV</b>	70mV	70mV	140mV	140mV	140mV	70mV
<b>Regulation Load %</b>	±5%	±5%	±5%	±5%	±10%	±5%
<b>Output Max.(A)</b>	14A	16A	14A	16A	0.5A	2.5A
<b>Output Min.(A)</b>	0.5A	0.3A	1A	1A	0A	0A

## NOTES

- ( 1 ) +3.3V & +5V total output not exceed 110W.  
 ( 2 ) Total output continuous shall not exceed 250W.

This content is subject to change, please refer to specification for more detail.  
 FSP reserve the right to change the content without prior notice