

### DESCRIPTION

This specification describes a 300 watts power supply. With 5 output, and remote ON/OFF control for ATX-12V system and a "Power factor correction (active PFC)" circuit at 200V-240Vac.

### APPLICATION

Desktop

### WATTAGE

**Wattage:** 300W

### DIMENSION

**Dimension:** 140mm(L) x 150mm(W) x 86mm(H)

### PRODUCT HIGHLIGHT

**Efficiency Level:** 230V EU 80Plus Bronze  
**Erp Lot:** <0.5W  
**Input Voltage:** 230Vac

### INPUT SPECIFICATION

**Input Range:** 200-240 Vac  
**Input Frequency:** 47-63 Hz  
**Input Current:** 2.5Amp (maximum) at 200-240 Vrms/ 50 Hz .

### OUTPUT SPECIFICATION

**Output Rise Time:** +3.3V 20Ms (maximum)  
+5V 20Ms (maximum)  
+12 V 20Ms (maximum)  
-12 V 20Ms (maximum)



### SAFETY STANDARD APPROVAL



### GENERAL SPECIFICATION

**Efficiency:** 85%@ 20% load; 88%@ 50% load;  
85%@ 100% load  
**PWOK Delay Time:** 500ms > PWOK > 100ms  
**EMC Performance:** EN55022 class B  
EN55024  
EN 61000-3-2  
EN 61000-3-3

### ENVIRONMENTAL SPECIFICATION

**TEMP.Range:** Storage Temperature: -40°C to +70°C  
**MTBF:** The power supply reliability, when calculated by "Bellcore" latest revision are exceed 100,000 hours with all output at maximum load and an ambient temperature of 25°C.

### \*Output Voltage and Current Rating

	<b>+3.3V</b>	<b>+5V</b>	<b>+12V1</b>	<b>-12V</b>	<b>+5Vsb</b>
<b>Ripple-Noise(R-P) mV</b>	50mV	50mV	120mV	200mV	50mV
<b>Regulation Load %</b>	±5%	±5%	±5%	±10%	±5%
<b>Output Max.(A)</b>	21A	15A	24A	0.3A	2.5A
<b>Output Min.(A)</b>	0.2A	1A	0.05A	0A	0A

### NOTES

- +3.3V & +5V total output not exceed 103W.
- When +5V is load to 15A, the +3.3V maximum load is 8.46A.
- When +3.3V is load to 21A, the +5V maximum load is 6.74A.

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