

## DESCRIPTION

This specification describes a 400 watts power supply. With 6 output, and remote ON/OFF control for ATX-12V system and a "Power factor correction (active PFC)" circuit at 100V-240Vac.

## APPLICATION

Desktop

## WATTAGE

**Wattage:** 400W

## DIMENSION

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

## PRODUCT HIGHLIGHT

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

## INPUT SPECIFICATION

**Input Range:** 100-240 Vac  
**Input Frequency:** 47-63 Hz  
**Input Current:** 115V@ < 6.0 Amps - rms  
 230V@ < 3.0 Amps - rms

## OUTPUT SPECIFICATION

**Hold up Time:** 115V/60Hz 17mSec.  
 Minimum@100% Load,  
 +3.3V 20mS (maximum)  
**Output Rise Time:** +5V 20mS (maximum)  
 +12 V 20mS (maximum)  
 -12 V 20mS (maximum)

### \*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb
<b>Ripple-Noise(R-P) mV</b>	50mV	50mV	5% <sub>mV</sub>	120mV	200mV	50mV
<b>Regulation Load %</b>	±5%	±5% <sub>%</sub>	±5% <sub>%</sub>	±5% <sub>%</sub>	±10% <sub>%</sub>	±5% <sub>%</sub>
<b>Output Max.(A)</b>	24AA	22AA	18AA	18AA	0.3AA	3AA
<b>Output Min.(A)</b>	0.1AA	0.2AA	0AA	0AA	0AA	0.1AA

## NOTES

(1) +3.3V & +5V total output not exceed 120W.  
 When +5V is load to 22A, the +3.3V maximum load is 3A.  
 When +3.3V is load to 24A, the +5V maximum load is 8A.

(2) +12V1 & +12V2 total output not exceed 384W(32A).



## SAFETY STANDARD APPROVAL



## GENERAL SPECIFICATION

**Efficiency:** Gold  
**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.