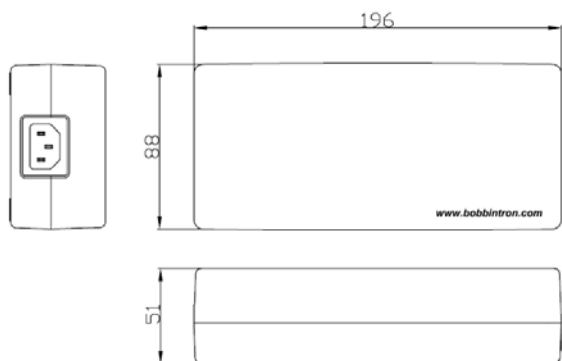




<http://www.bobbintron.com>

## BOBBINTRON ELECTRICAL CORPORATION

AP1001-XXM Series **100W Medical Power Supply**



### Electrical specifications :

Input:

Voltage..... 100-240VAC

Current.....1.8A rms Max

Frequency.....50-60 Hz

Output:

Voltage (Vo)..... (see table)

Tolerance.....+/- 5%

Power (Po).....100 W

Hold up time.....8mS min at Full Load, 115VAC

Over voltage protection.....Built-in

Short circuit protection.....Hiccup Mode, Auto Recovery

Efficiency.....70% min, at Full Load and 115VAC

Ripple/Noise (Vp-p).....2% (20M Hz Bandwidth)

Calculated MTBF..... Over 100 Khr at 25C

### Output Electronic Specifications:

| Model No.  | Po   | Vo      | Io    |
|------------|------|---------|-------|
| AP1001-12M | 100W | 12.0VDC | 8.33A |
| AP1001-24M | 100W | 24.0VDC | 4.16A |
|            |      |         |       |
|            |      |         |       |

### Feature:

Universal Input 100V to 240VAC

IEC Socket C14 Input

With Active PFC Circuit

Meet Medical Safety

### Environmental :

Operating Temperature:

0 deg. C to 40 deg. C

Storage Temperature:

-20 deg. C to 80 deg.C

### EMI:

Meet FCC Class B and

CISPR 22 Class B

### Safety:

UL2601/cUL/ CE under apply