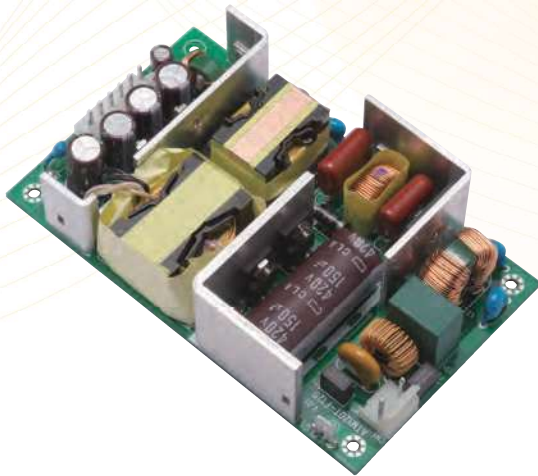




**Level VI**

# IT / Medical Open Frame Power Supply 120 Watt Series



mO120 - 10XX

O / P Voltage

### Green Mode

Meet CEC, DoE Level VI, ErP Stage 2  
No Load Power Consumption Less Than 0.21W

### Features :

- ANSI/AAMI/IEC/EN ES60601-1:2012 (60601 edition 3.1)
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- Meet UL60950-1 , EN60950
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

| Model      | O/P Voltage | O/P Current | Watt |
|------------|-------------|-------------|------|
| mO120-1012 | 12.0V       | 9.00A       | 108W |
| mO120-1015 | 15.0V       | 8.00A       | 120W |
| mO120-1019 | 19.0V       | 6.30A       | 120W |
| mO120-1024 | 24.0V       | 5.00A       | 120W |
| mO120-1030 | 30.0V       | 4.00A       | 120W |
| mO120-1048 | 48.0V       | 2.50A       | 120W |

### Input

|                |                               |
|----------------|-------------------------------|
| Voltage        | 100-240VAC                    |
| Line Frequency | 50-60Hz                       |
| Current        | 1.5A-0.7A                     |
| Protection     | Internal Primary Current Fuse |

### Output

|                    |  |
|--------------------|--|
| Load Regulation    | ±5% ( Typical )  |
| Ripple             | 2% Vp-p Max. for Output Voltage@ Full Load   |
| Transient Response | 0.5mS for 50% Load Change Typical  |
| Hold-up Time       | 10mS @ Full Load   |
| Protection         | Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection |

### Safety Approvals

CB / UL / T-mark(TUV)

### Electrical

|                      |  |
|----------------------|--|
| Topology             | QR Flyback   |
| Dielectric Withstand | 4000VAC Primary - Secondary                            |
| Touch Current        | < 100µA  |
| MTBF                 | 300,000 Calculated Hours at 25°C , by Telcordia SR-332 |

### Environmental

|                       |  |
|-----------------------|--|
| Operating Temperature | 0 to + 50°C  |
| Storage Temperature   | -20 to + 80°C                                      |
| Relative Humidity     | Operating : 20 to 80% RH<br>Storage : 10 to 90% RH |
| Cooling               | Natural Convection Cooling                         |

### Mechanical

|           |  |
|-----------|--|
| Dimension | L 127 × W 76 × H 35 (mm) ( Ref. )<br>5" x 3" x 1.4" (inch) |
| Weight    | 320 g ( Ref. )   |

