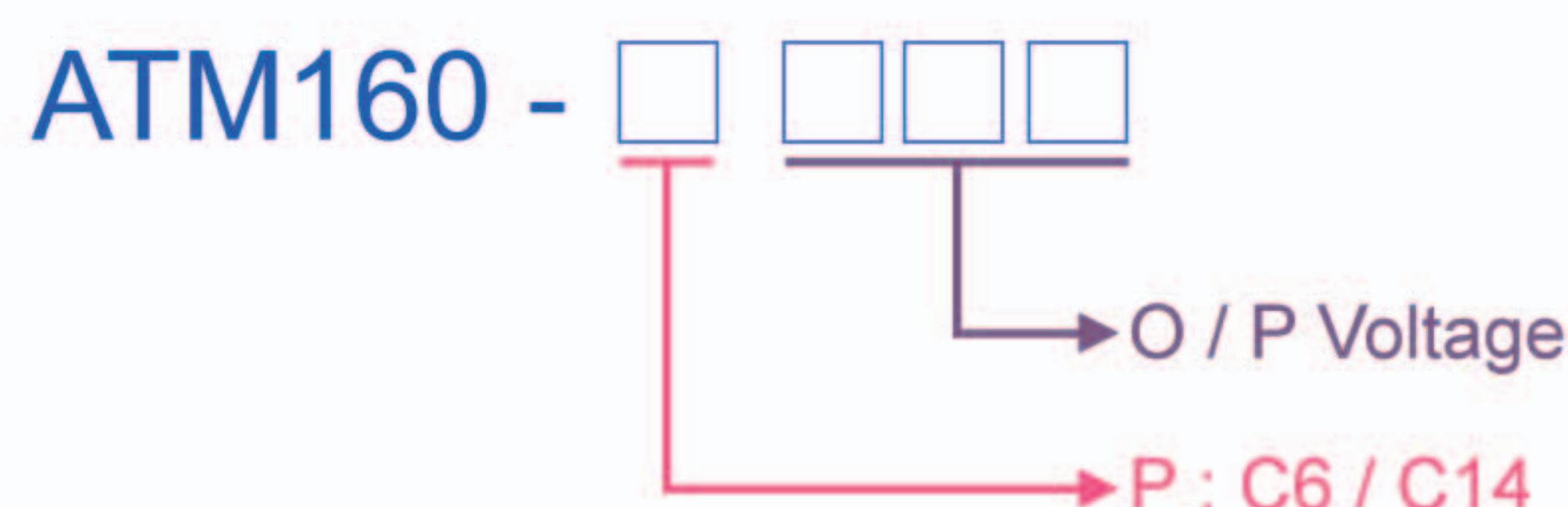




160 Watt Medical ATM160 Series

Desktop Type



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- 100-240VAC Universal Input
- Single Output to 160W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Year Warranty

Safety Approvals

CB/ UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical

| | |
|----------------------------|---|
| Topology | LLC |
| Dielectric Withstand | 4,000VAC Primary - Secondary |
| Leakage Current | 0.5mA@3Pin |
| Efficiency | Energy Star Level V , ErP Stage 2 |
| EMI Conduction & Radiation | Compliance to EN55011 Class B |
| Harmonic Current | Compliance to EN61000-3-2 |
| EMS Immunity | Compliance to IEC60601-1-2 |
| MTBF | 300,000 Calculated Hours at 25°C, by Telcordia SR-332 |

Environmental

| | |
|-----------------------|--|
| Operating Temperature | 0 to +40°C |
| Storage Temperature | -20 to +80°C |
| Relative Humidity | Operating : 20 to 80% RH Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|----------------|--------------------------|
| Case Dimension | L 183 × W 81 × H 42 (mm) |
| Weight | 680g (Ref.) |

| Model | O/P Voltage | O/P Current | Watt |
|-------------|-------------|-------------|------|
| ATM160-P120 | 12V | 12.5A | 150W |
| ATM160-P190 | 19V | 8.4A | 160W |
| ATM160-P240 | 24V | 6.6A | 160W |
| ATM160-P480 | 48V | 3.3A | 160W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 1.8A-0.9A |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C6,C14 |

Output

| | |
|--------------------|--|
| Load Regulation | ± 5% (Typical) |
| Ripple | 1~2% Vp-p Max. |
| Transient Response | 0.5mS for 50% Load Change Typical |
| Holdup Time | 10mS @ Full Load |
| Protection | Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection |
| DC Cord | 16AWG |
| Ferrite Core | NO(Optional) |