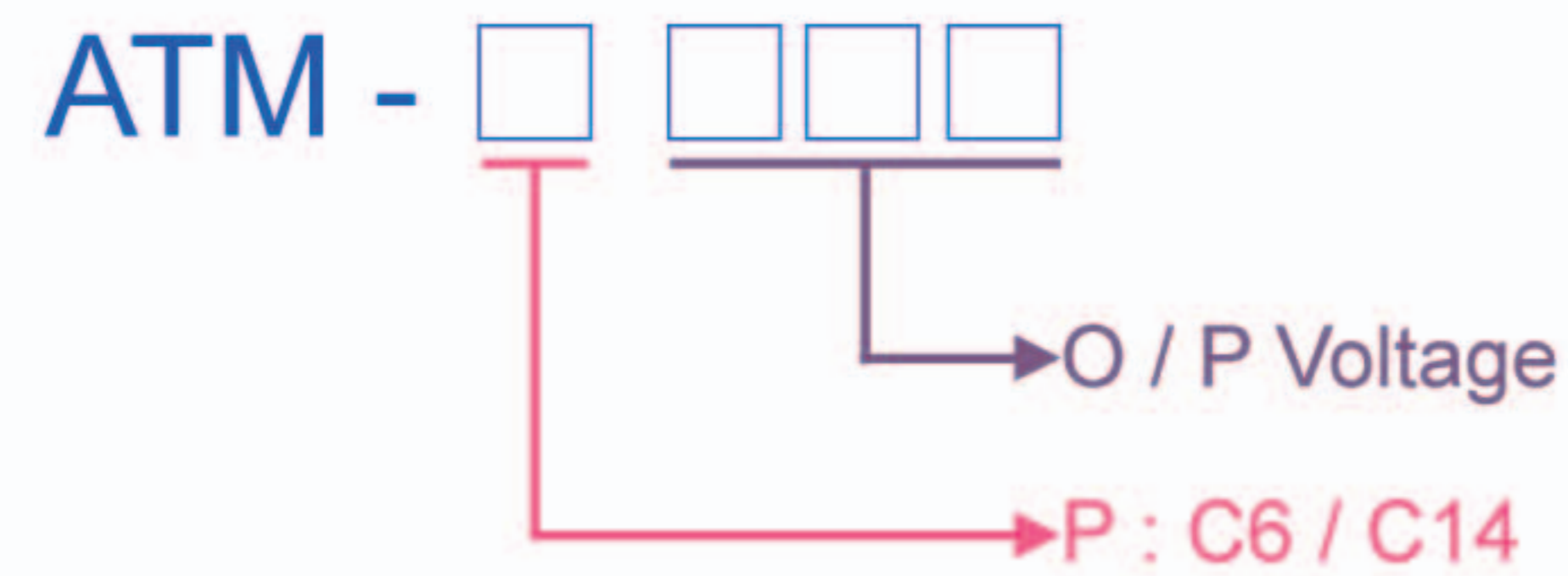




90 Watt Medical ATM090 Series

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 90W
 - 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	Switching Flyback
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 EN61000-3-2,3
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Model	O/P Voltage	O/P Current	Watt
ATM090-P120	12V	7.50A	90W
ATM090-P150	15V	6.00A	90W
ATM090-P190	19V	4.74A	90W
ATM090-P240	24V	3.75A	90W
ATM090-P360	36V	2.50A	90W
ATM090-P480	48V	1.88A	90W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A-0.5A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C14

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

Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Mechanical	
Case Dimension	L 168 × W 66 × H 39 (mm)
Weight	600g (Ref.)