30 Watt Medical Series

Desktop Type

ATM030 - □ X X X

P : C6 / C14
A : C8 / C18

O / P Voltage

Green Mode
Meet CEC , Energy Star Level V , ErP Stage 2 NO Load Power Consumption Less Than 0.3W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current: < 100μA
- 100-240VAC Universal Input
- Single Output to 30W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM030-□050	5.0V	4.00A	20W
ATM030-□051	5.0V	5.00A	25W
ATM030-□075	7.5V	4.00A	30W
ATM030-□090	9.0V	3.34A	30W
ATM030-□120	12.0V	2.50A	30W
ATM030-□150	15.0V	2.00A	30W
ATM030-□180	18.0V	1.67A	30W
ATM030-□240	24.0V	1.25A	30W
ATM030-□360	36.0V	0.84A	30W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.7A-0.45A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6, C8, C14, C18

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
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

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

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
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 25ºC , by Telcordia SR-332

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

Mechanical	
Case Dimension	L 100 × W 50 × H 33 (mm) (Ref.)
Weight	210 g (Ref.)