



## 12 Watt Medical Series

Wall Mount Type  
USA / Europe / UK

ATM012 - W X X X □

O/P Voltage ←      U : US Plug  
E : EU Plug  
B : UK Plug

### Green Mode

Meet CEC, Energy Star Level VI, ErP Stage 2, NRCan & GEMS NO Load Power Consumption Less 0.1W

### 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 12W
- 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

### 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	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

### Safety Approvals

For USA - UL / cUL / FCC  
For Europe & UK - CE

### Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	Energy Star Level V, ErP Stage 2, NRCan & GEMS 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 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

Model	O/P Voltage	O/P Current	Watt
ATM012-W050□	5.0V	2.00A	10.00W
ATM012-W060□	5.9V	1.70A	10.00W
ATM012-W075□	7.5V	1.33A	10.00W
ATM012-W090□	9.0V	1.12A	10.00W
ATM012-W120□	12.0V	1.00A	12.00W
ATM012-W150□	15.0V	0.80A	12.00W
ATM012-W180□	18.0V	0.67A	12.00W
ATM012-W240□	24.0V	0.50A	12.00W

### Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.31A-0.17A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug

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