NEW

Level VI

12 Watt IT Medical Series

Wall Mount Type
USA / Europe / UK / Australia /
China / AC Plug Changeable

MAP electronics co., ltd.
Material All Procurement

ATM012T - W X X X ☐

O/P Voltage

U : US Plug
E : EU Plug
B : UK Plug
A : AU Plug
V : Changeable Plug

Green Mode

Meet CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS
No Load Power Consumption Less 0.075W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2012 (60601 edition 3.1)
- EMC : IEC60601-1-2 : 2014 (edition 4.0)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
  < 10μA (Optional)
- 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

Model	O/P Voltage	O/P Current	Watt
ATM012T-W033☐	3.3V	2.00A	6.60W
ATM012T-W050☐	5.0V	2.00A	10.00W
ATM012T-W050☐U	5.0V	2.00A	10.00W
ATM012T-W051☐	5.0V	3.00A	15.00W
ATM012T-W060☐	5.9V	2.00A	11.80W
ATM012T-W062☐	6.2V	2.00A	12.40W
ATM012T-W090☐	9.0V	1.20A	10.80W
ATM012T-W120☐	12.0V	1.00A	12.00W
ATM012T-W150☐	15.0V	0.80A	12.00W
ATM012T-W180☐	18.0V	0.67A	12.06W
ATM012T-W240☐	24.0V	0.50A	12.00W

*Add suffix ☐"U" with USB connector

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.32A-0.19A
Protection	Internal Primary Current Fuse
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug
	A for AU Plug
	V for Changeable Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals
For USA - CB / UL / cUL / FCC / PSE / BSMI
For Europe & UK - CB / GS / T-mark(TUV) / CE

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA < 10μA (Optional)
Efficiency	DoE Level VI, Energy Star, 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 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	U - L 80.2 × W 46 × H 57.5(mm)
	E - L 80.2 × W 46 × H 68.7(mm)
	B - L 80.2 × W 49.6 × H 62.7(mm)
	A - L 80.2 × W 56 × H 40.5(mm)
	V - L 80.2 × W 46 × H 40.5(mm)
Weight	U : 140g E : 145g B : 148g
	A : 144g V : 140g (Ref.)

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