

Features

- **Medical and I.T.E. Approved**
 - ANSI/AAMI/IEC/EN 60601-1 (Edition 3.1)
 - IEC/EN 60601-1-2 (edition 4.0)
 - IEC/EN 62368-1, IEC/EN 62366
- Fixed OR Changeable Input Plugs
- Means of Protection 2xMOPP
- Touch Current: < 100 μ A (Optional < 10 μ A)
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



Marks / Approvals

I.T.E. Approvals: CB CE ENEC UL US TUV SUD FC PS E

Medical Approvals: CB CE ENEC UL US TUV SUD FC

Specifications

Product similar to photo, variations possible.

	MODEL	Voltage	Min. Load	Max. Load	Max. Power
U – US Plug Type E – EU Plug Type B – UK Plug Type A – AU Plug Type V – Changeable Plugs VU – Changeable Plugs and USB-A Socket	ATM 012T-W033U/E/B/A/V	3.3 V	0.00 A	2.00 A	6.6 W
	ATM 012T-W050U/E/B/A/V/VU	5.0 V	0.00 A	2.00 A	10 W
	ATM 012T-W051U/E/B/A/V	5.0 V	0.00 A	3.00 A	15 W
	ATM 012T-W060U/E/B/A/V	5.9 V	0.00 A	1.70 A	10 W
	ATM 012T-W062U/E/B/A/V	6.2 V	0.00 A	2.00 A	12.4 W
	ATM 012T-W090U/E/B/A/V	9.0 V	0.00 A	1.12 A	10 W
	ATM 012T-W120U/E/B/A/V	12.0 V	0.00 A	1.00 A	12 W
	ATM 012T-W150U/E/B/A/V	15.0 V	0.00 A	0.80 A	12 W
	ATM 012T-W180U/E/B/A/V	18.0 V	0.00 A	0.67 A	12 W
	ATM 012T-W240U/E/B/A/V	24.0 V	0.00 A	0.50 A	12 W
	INPUT	Voltage	AC 100 V – 240 V		
Frequency		50 Hz - 60 Hz			
Current		0.32 A – 0.19 A max.			
Protection		Internal Primary Current Fuse, Inrush Limiting			
OUTPUT	Load Regulation	± 5 % (typical)			
	Ripple	2 % V p-p max. for output voltage at full load			
	Transient Response	0.5 ms for 50 % load change typical			
	Touch Current	< 100 µA (<10 µA optional)			
	Protection	Short circuit Protection • Over Voltage Protection • Over Current Protection			
OTHERS	Cooling	Convection			
	Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Certified			
	Holdup Time	10 ms at full load			
	Dielectric Withstand	AC 4000 V Primary – Secondary			
	MTBF	300,000 calculated hours at 25 °C by Telcordia SR-332			
ENVIRONMENT	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C			
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH			
EMI Conduction & Radiation	Compliance to IEC/EN 60601-1-2; EN 55011 Class B; CISPR11; FCC 47 CFR Part 18				
Harmonic Current	Compliance to EN 61000-3-2, -3				
EMS Immunity	Compliance to IEC/EN 61000-4-2,-3,-4,-5,-6,-8,-11				
Safety	I.T.E. Approvals: IEC / EN / c-UL-us 62368-1 • CE • TÜV GS • FCC • PSE • BSMI • RCM				
	Medical Approvals: IEC / EN / c-UL-us 60601-1 (Edition 3.1), IEC/EN 60601-1-6 • CE • FCC • PSE • BSMI • RCM				