



# 10W Wall Mount Adapter – AU/NZ



## Features

- Fixed Blade AC Input
- Australian and New Zealand MEPS (Minimum Energy Performance Standards) Compliance
  - AS/NZS 4665.1:2005 + A1:2009
  - AS/NZS 4665.2:2005 + A1:2009
- Limited Power Source
- Class B EMI
- AA10S-050A(M)-R charging scheme: Data Lines (Pins 2 and 3) Shorted

## Applications

- MPEG Players
- Personal Electronics
- PDAs
- Digital Cameras

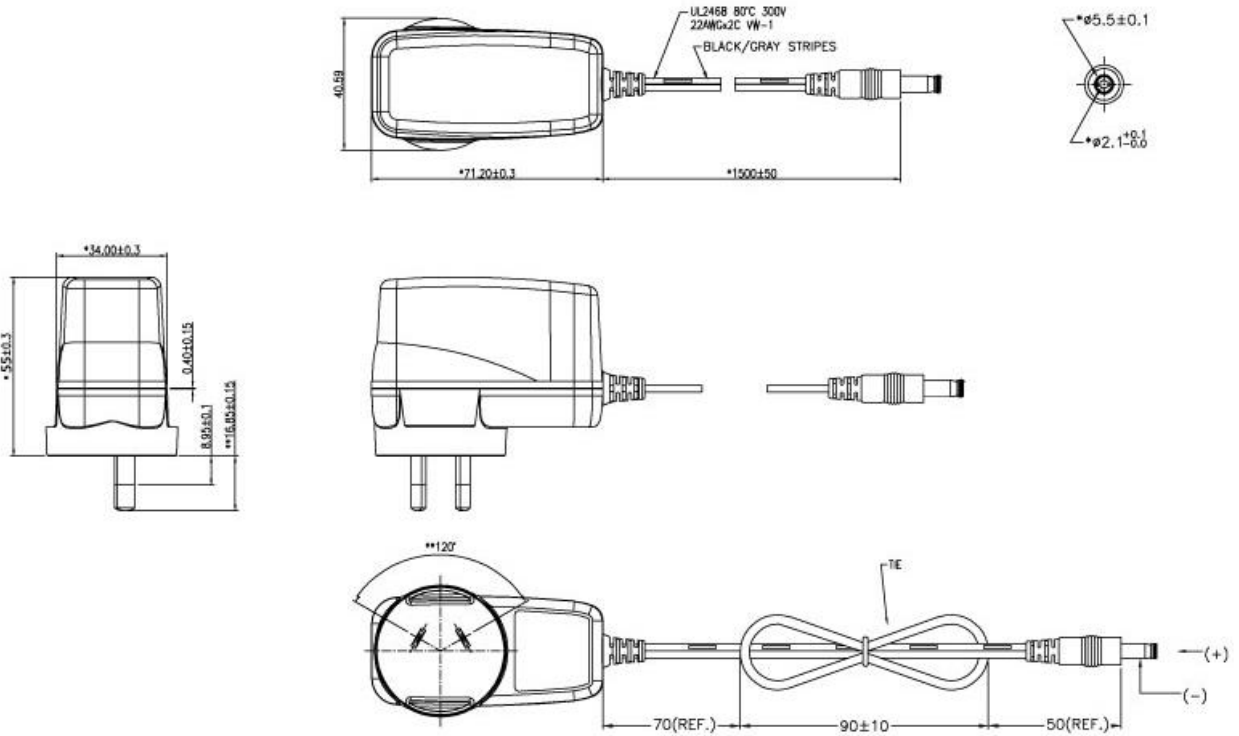


# AA10S Specifications<sup>1</sup>

Model		AA10S-050A-R	AA10S-050A(M)-R <sup>2,1, 2,2</sup>
Output	DC Output Voltage	5.0V	5.0V
	Max Current	2.0A	2.0A
	Output Power	10.0W	10.0W
	Regulation	± 1% Line	± 1% Line
	Ripple & Noise P-P(max) <sup>2</sup>	200mV	200mV
Input	AC Input Voltage Range	90 to 264VAC	
	AC Input Frequency	47 to 63Hz	
	Input Current	0.3A (RMS) max @ 115VAC/60Hz	
	No Load Power Consumption at 115VAC Input	≤0.1W	≤0.1W
	No Load Power Consumption at 230VAC Input	≤0.075W	≤0.075W
	115VAC Average Efficiency <sup>3</sup>	≥78.70%	≥78.70%
	230VAC Average Efficiency <sup>3</sup>	≥79%	≥79%
	230VAC 10% Average Efficiency <sup>3</sup>	≥69.7%	≥69.7%
	Leakage Current	20uA max @2254VAC/50Hz	
Protection	Over-Voltage	9.0V max	
	Short Circuit	The output can be shorted without damage	
Environmental	Operating Temperature	2.2A max	
	Non-Operating Temperature	0°C to +40°C	
	Operating Humidity	-20° to +85°C	
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	85% Relative Humidity	
	Insulation Resistance	Primary to Secondary: 3000VAC for 1min, 10mA	
	Standards	AS/NZS 62368.1:2018, AS/NZS 3112:2017	
	EMI Emissions	AS/NZS CISPR 32:2015: Class B Conducted & Radiated	
	Harmonic Current Emissions	IEC 61000-3-2	
	Voltage Fluctuations & Flicker	IEC 61000-3-3	
	Immunity	EN 55024/CISPR 24, EN55035/CISPR 35: IEC 61000-4-2 (+/- 8kV air, +/- 4kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/- 1kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11	
Mechanical	Dimensions (L x W x H)	71.20mm (2.80in) x 34.0mm (1.60in) x 55.00mm (2.17in)	
	Weight	75.1g	
	Cable Length	1500mm	
	DC Cable Type	22 AWG	
	DC Output Connector	2.1mm x 5.5mm x 9.5mm	USB Micro-B
Notes	<ol style="list-style-type: none"> <li>The specifications defined are at ambient temperature of 25°C, unless otherwise specified.</li> <li>20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load).</li> <li>Efficiency is measured after 30 minutes burn-in.</li> </ol>		



# AA010S-050A-R Outline Drawing





# AA10S-050A(M) Outline Drawing

