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

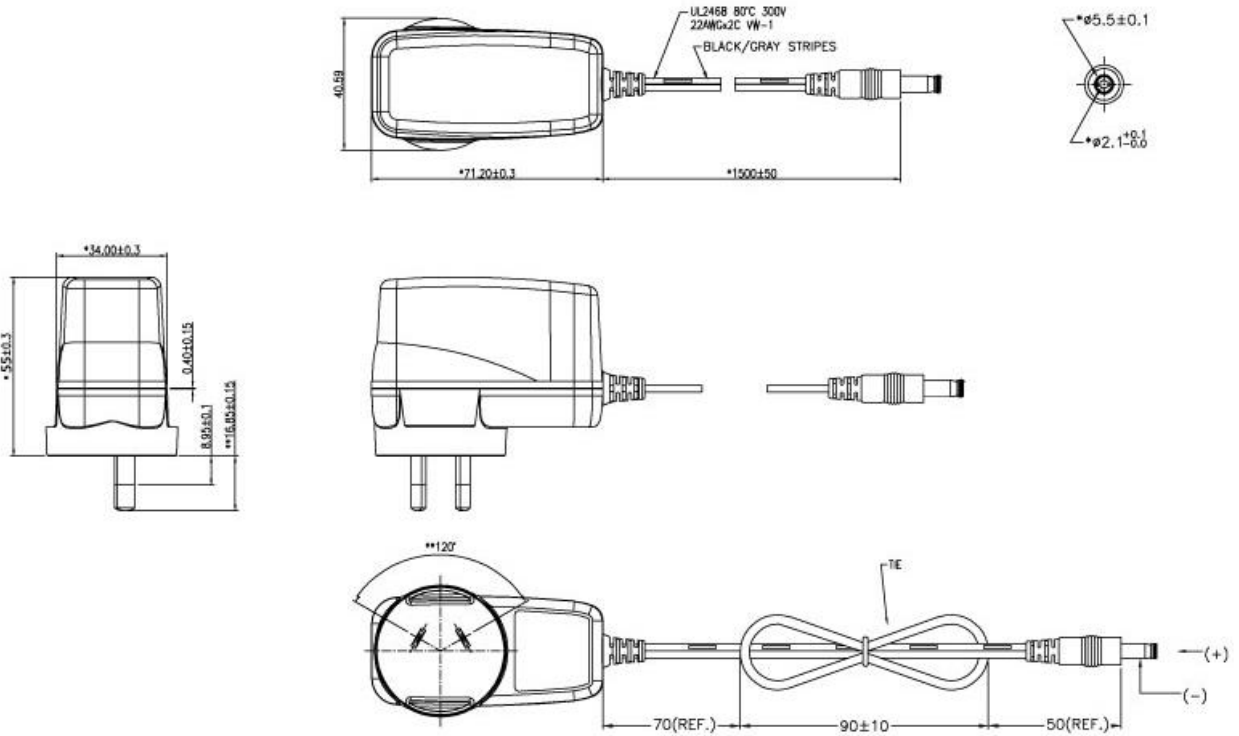- MPEG Players
- Personal Electronics
- PDAs
- Digital Cameras

AA10S Specifications[1]

Model		AA10S-050A-R	AA10S-050A(M)-R[2.1, 2.2]
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)[2]	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	0.0386W	0.0386W
	No Load Power Consumption at 230VAC Input	0.059W	0.059W
	115VAC Average Efficiency[3]	81.70%	81.70%
	230VAC Average Efficiency[3]	81.10%	81.10%
	230VAC 10% Average Efficiency[3]	78.5%	78.5%
	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	0ºC to +40ºC	
	Operating Humidity	-20º to +85ºC	
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	1. The specifications defined are at ambient temperature of 25ºC, unless otherwise specified. 2. 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). 3. Efficiency is measured after 30 minutes burn-in.		

UL2468 80°C 300V
22AWGx2C VW-1
BLACK/GRAY STRIPES

*⌀5.5±0.1

*⌀2.1 +0.1 -0.0

40.59

*71.20±0.3

*1500±50

*34.00±0.3

*55±0.3

0.40±0.15

8.95±0.1

**16.85±0.15

**120°

TIE

(+)

(−)

70(REF.)

90±10

50(REF.)

AA10S-050A(M) Outline Drawing

UL2468 80°C 300V
22AWGx2C VW-1

BLACK/GRAY STRIPES

40.59

*71.20±0.3

*1500±50

*34.00±0.3

*55±0.3

0.40±0.15

8.95±0.1

**16.85±0.15

**120°

TIE

70(REF.)

90±10

50(REF.)