

TECHNICAL DATASHEET

10W Compact Fixed Blade Charger with DC Cord



Applications

- MPEG Players
- Personal Electronics
- PDAs
- Digital Cameras

Features

- Level VI Efficiency
- Class B EMI
- OVP, SCP, OCP

Safety Standards



Safety Standards

- UL 60950-1
- UL 62368-1

Dimensions

71.2 x 34 x 52.5 mm
(2.80 x 1.34 x 2.07 inch)

Output Specifications

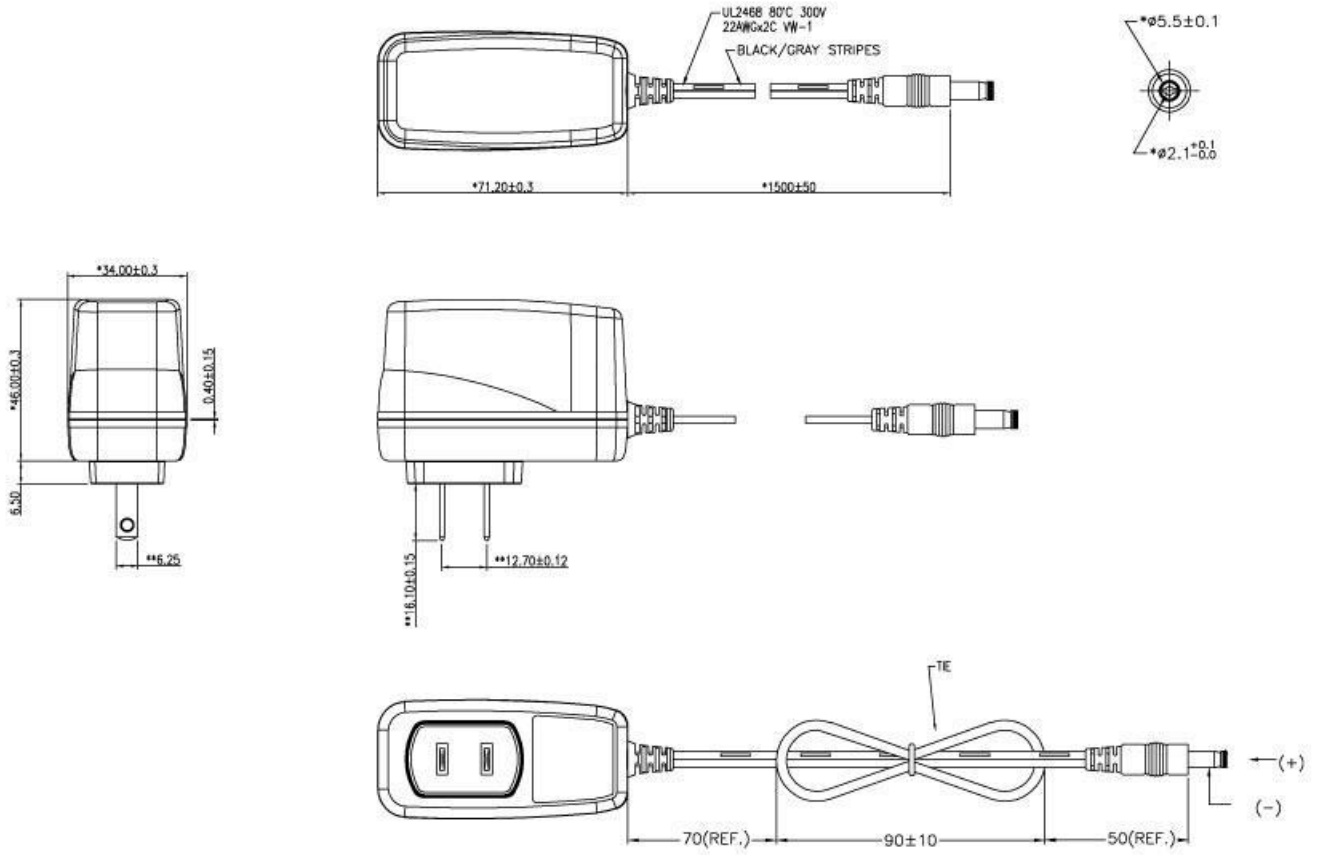
Model	Prong Style	DC Output Voltage	Load		Ripple ¹ P-P (max)	Regulation		Output Cable
			Min.	Max.		Line	Load	
AA10A-050A-R	US	5V	0A	2A	200mV	± 1%		Brrel
AA10A-050A(M)-R ²	US	5V	0A	2A	200mV	± 1%		Micro-B
Note	1. Measuring is done by 20MHz bandwidth oscilloscope and terminated each output with a 10uF aluminum electrolytic capacitor and a 0.1uF ceramic capacitor. 2. The charging scheme: Data Lines (Pins 2 and 3) Shorted.							

Specifications

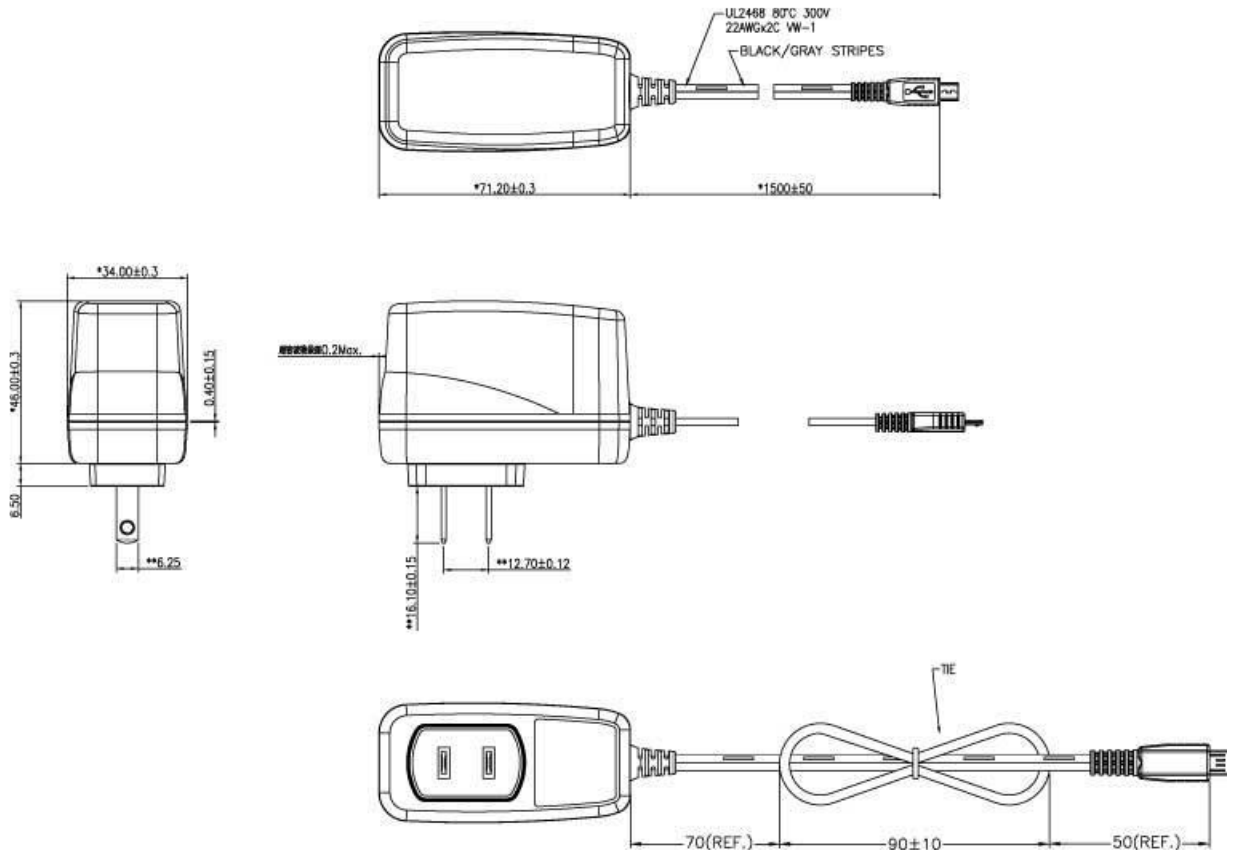
AA10A Characteristics¹

Output	Power	10W Maximum		
	Efficiency ²	DOE Level VI		
Input	AC Input Voltage Range	90 to 264VAC		
	AC Input Voltage Rating	100 to 240VAC		
	AC Input Frequency	47-63Hz		
	AC Input Current	0.3A(RMS) max. @115Vac/60Hz		
	In-Rush Current	60A max @230Vac/50Hz, 25°C		
	Leakage Current	20uA max. @254Vac50Hz		
	No-Load Power Saving	≤75mW @230Vac/50Hz, no load		
Environmental	Temperature	Operation	0°C to +40°C	
		Non-operation	-20°C to +85°C	
		Humidity	~85%	
	EMI	Complies with FCC part 15 Class B		
		Complies with EN55032 Class B		
	Immunity	ESD	IEC61000-4-2	
		Radio-frequency	IEC61000-4-3	
		Electrical fast transients	IEC61000-4-4	
		Surge	IEC61000-4-5	
		Radio frequency continuous	IEC61000-4-6	
		Power frequency magnetic	IEC61000-4-8	
		Voltage Dips	IEC61000-4-11	
	Dielectric Withstand (Hi-pot) Test	Primary to Secondary: 3000VAC, 10mA, 1min		
	Insulation Resistance	Primary to Secondary: 10M ohm. 500Vdc, 1min		
	FEATURES	Over-voltage Protection	Output voltage shall not exceed 9V	
		Short-circuit Protection	Auto recovery and no component damage	
		Over-current Protection	2.2A	
Note	1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified 2. Efficiency is measured after 30 minutes burn-in			

AA10A-050A-R Dimension Diagram Unit: mm



AA10A-050A(M)-R Dimension Diagram Unit: mm



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