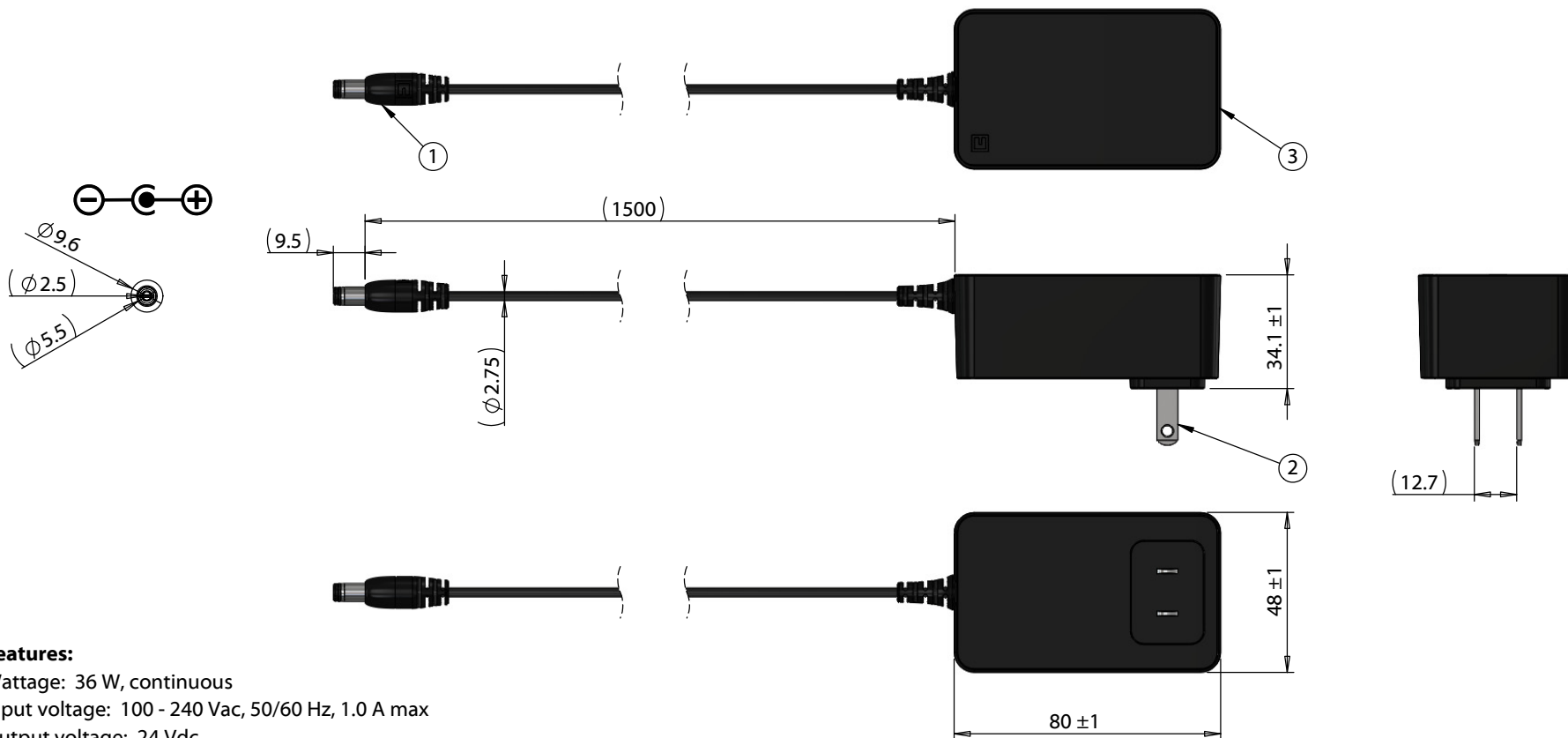


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	10-03785	Cable, 1500 mm, 5.5x2.5x9.5 mm 50-00129 plug to stripped tinned, 22 AWG, 30-00341 wire	1	
2	Nema 1-15 plug	NEMA 1-15 plug, nickel plated	1	
3	26-00008	Case, wall mount, ac-dc power supply, 80x48x34.6 mm, Nema 1-15P	1	



**Features:**

Wattage: 36 W, continuous  
 Input voltage: 100 - 240 Vac, 50/60 Hz, 1.0 A max  
 Output voltage: 24 Vdc  
 Output current: 1.5 A  
 Efficiency: DoE Level VI  
 Safety: UL 62368-1

Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Approvals:	
A	9/10/2020	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
				Adapter, WP, 120V, US, 2P, 24V 1500 mA, 5.5x2.5x9.5 mm plug, 10-03785 cable, C+, Level VI	Size: A Part number: 16-00233
					Scale: 1:2  Sheet 1 of 2

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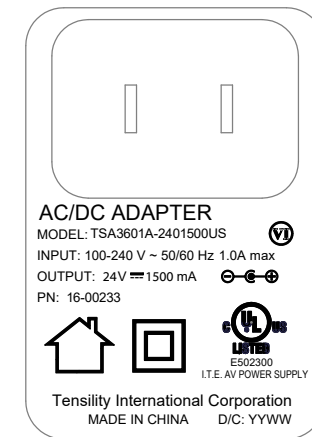
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	Rating	Conditions
<b>Input</b>		
Input voltage	100 - 240 Vac	single phase
Frequency	50 - 60 Hz	
Steady ac current	1.0 A max	100 - 240 Vac
Inrush current	60 A max	240 Vac, cold start
Standby power	0.1 W max	115 or 230 Vac
<b>Output</b>		
No load output voltage	22.8 - 25.2 Vdc	
Full load output voltage	22.8 - 25.2 Vdc	1.5 A
Power	36 Watts continuous	all specified conditions
Ripple voltage	150 mV p-p at 1.5A	20 MHz bandwidth oscilloscope, terminated with 0.1 $\mu$ F ceramic capacitor and 10 $\mu$ F electrolytic capacitor, 25 °C
Over current protection	110 - 200% of max load	
Short circuit protection	input power shutdown, auto-recovery after fault removed	output short
<b>Reliability &amp; Safety</b>		
Leakage current	0.25 mA max	nominal ac input voltage and frequency
Burn-in test	2 hours	40 °C max at normal input voltage and rated load
Efficiency	DoE Level VI, 87.4% min	115 or 230 Vac
MTBF	50,000 hours min	MIL-HDBK-217F
Hi-Pot (primary to secondary)	3300 Vac, 5 mA max	3 seconds (production testing)
Hi-Pot (primary to secondary)	3000 Vac, 10 mA max	60 seconds (safety testing)
Insulation resistance	100 M $\Omega$ , primary to secondary	500 Vdc
Safety testing	UL 62368-1	
Lightning surge	$\pm$ 1KV (DM), $\pm$ 2KV (CM)	IEC61000-4-5
<b>Mechanical</b>		
Weight	145 $\pm$ 10 g	
<b>Environmental</b>		
Operating temperature	0 to 40 °C	10 - 90% relative humidity
Storage temperature	-25 to 70 °C	5 - 95% relative humidity



Not to Scale

Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Approvals: 	 tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	9/10/2020	Initial release	Verified:			
			Dimensions are in millimeters. Tolerances: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	Description: Adapter, WP, 120V, US, 2P, 24V 1500 mA, 5.5x2.5x9.5 mm plug, 10-03785 cable, C+, Level VI	Size: A	Part number: 16-00233
					Scale: 1:1	 Sheet 2 of 2

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