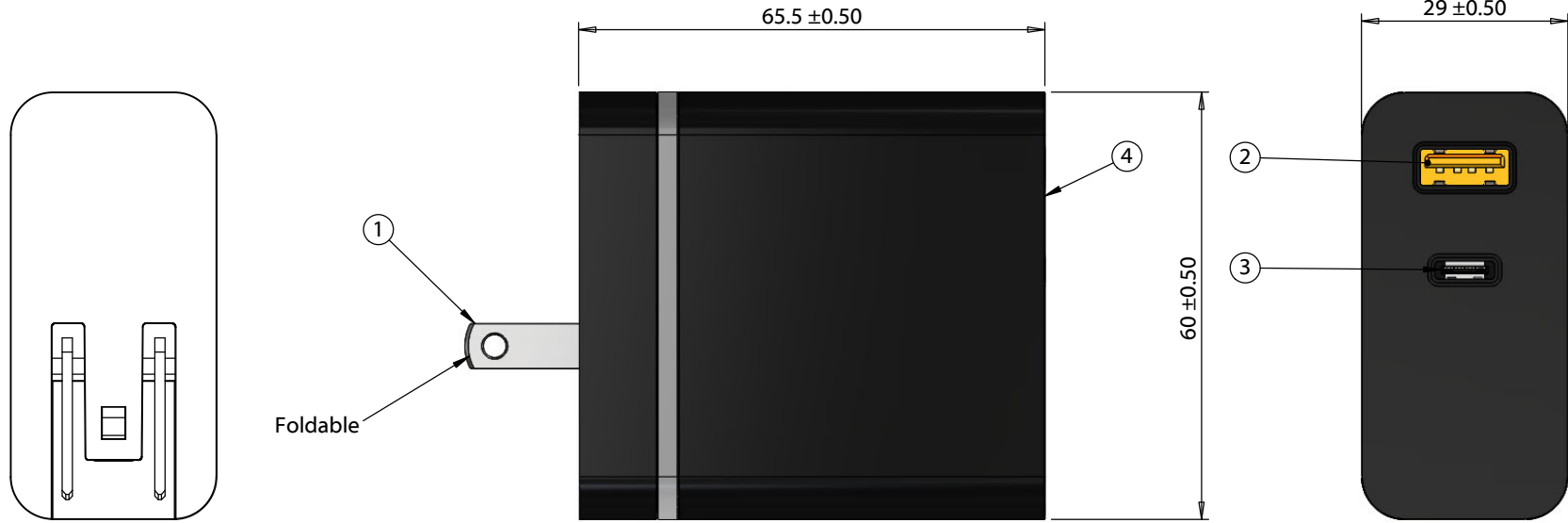


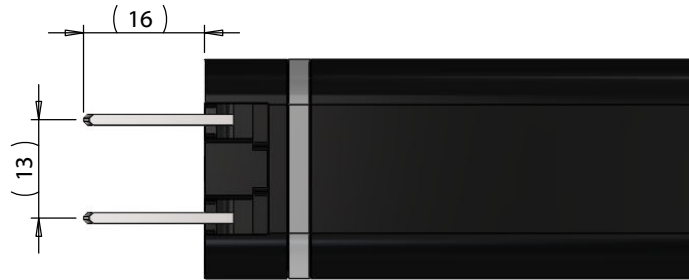
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	Nema 1-15 plug	NEMA 1-15 plug, nickel plated	1	
2	50-00424	Connector, USB A receptacle	1	
3	54-00071	Connector, USB C 3.1 jack, 11.95 mm, nickel plated, SMT mount, 90°, thru hole, black insulator	1	
4	26-00010	Case, wall mount, ac-dc power supply, USB A and C, 65.5x60x29 mm, NEMA 1-15	1	



Blades Retracted

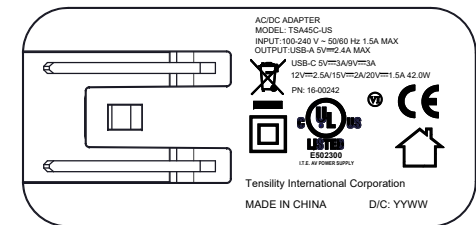
Features:

- Wattage: 42 W, continuous
- Input voltage: 100 - 240 Vac, 50/60 Hz, 1.5A max
- Output voltage(USB-A): 5 V
- Output current(USB-A): 2.4A
- Output voltage(USB-C): 5V / 9V / 12V / 15V / 20V
- Output current(USB-C): 3A / 3A / 2.5A / 2A / 1.5A
- USB Power Delivery 3.0
- Efficiency: DoE Level VI
- Safety: UL 62368-1



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Approvals:	
A	7/6/2020	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Adapter, WP 120V, US, 2P, 5V 3000mA to 20V 1500mA, 42W, USB A and USB C jack, PD 3.0, C+, Level VI	tel 1.541.323.3228 800 877.670.7118
					Size: A
					Scale: 1:1
					Sheet 1 of 2

	Rating	Conditions
Input		
Input voltage	100 - 240 Vac	single phase
Frequency	50 - 60 Hz	
Steady ac current	1.5 A max	100 - 240 Vac
Inrush current	60 A max	240 Vac, cold start
Standby power	0.1 W max	115 or 230 Vac
Output		
Output mode (V)	Output voltage range (Vdc)	Output current (A)
USB-A: 5V	4.75-5.30	2.4
	D+: 2.7±0.1V, D-: 2.7±0.1V	
USB-C: 5V	4.75-5.30	3.0
USB-C: 9V	8.55-9.45	3.0
USB-C: 12V	11.40-12.60	2.5
USB-C: 15V	14.25-15.75	2.0
USB-C: 20V	19.0-21.0	1.5
Power	42 Watts continuous	all specified conditions
Ripple voltage	200 mV p-p at full load	20 MHz bandwidth oscilloscope, terminated with 0.1 µF ceramic capacitor and 10 µF electrolytic capacitor, 25 °C
Over current protection	110 - 150% of max load	
Short circuit protection	input power shutdown, auto-recovery after fault removed	output short
Reliability & Safety		
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: 5V 81.39% min, 9V/12V/15V/20V 86.95% 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 MΩ, primary to secondary	500 Vdc
Safety testing	UL 62368-1	
Mechanical		
Weight	134 ± 10 g	
Environmental		
Operating temperature	0 to 35 °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	7/6/2020	Initial release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size:	Part number:	
				Adapter, WP 120V, US, 2P, 5V 3000mA to 20V 1500mA, 42W, USB A and USB C jack, PD 3.0, C+, Level VI	A	16-00242	
					Scale: 1:1		Sheet 2 of 2

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