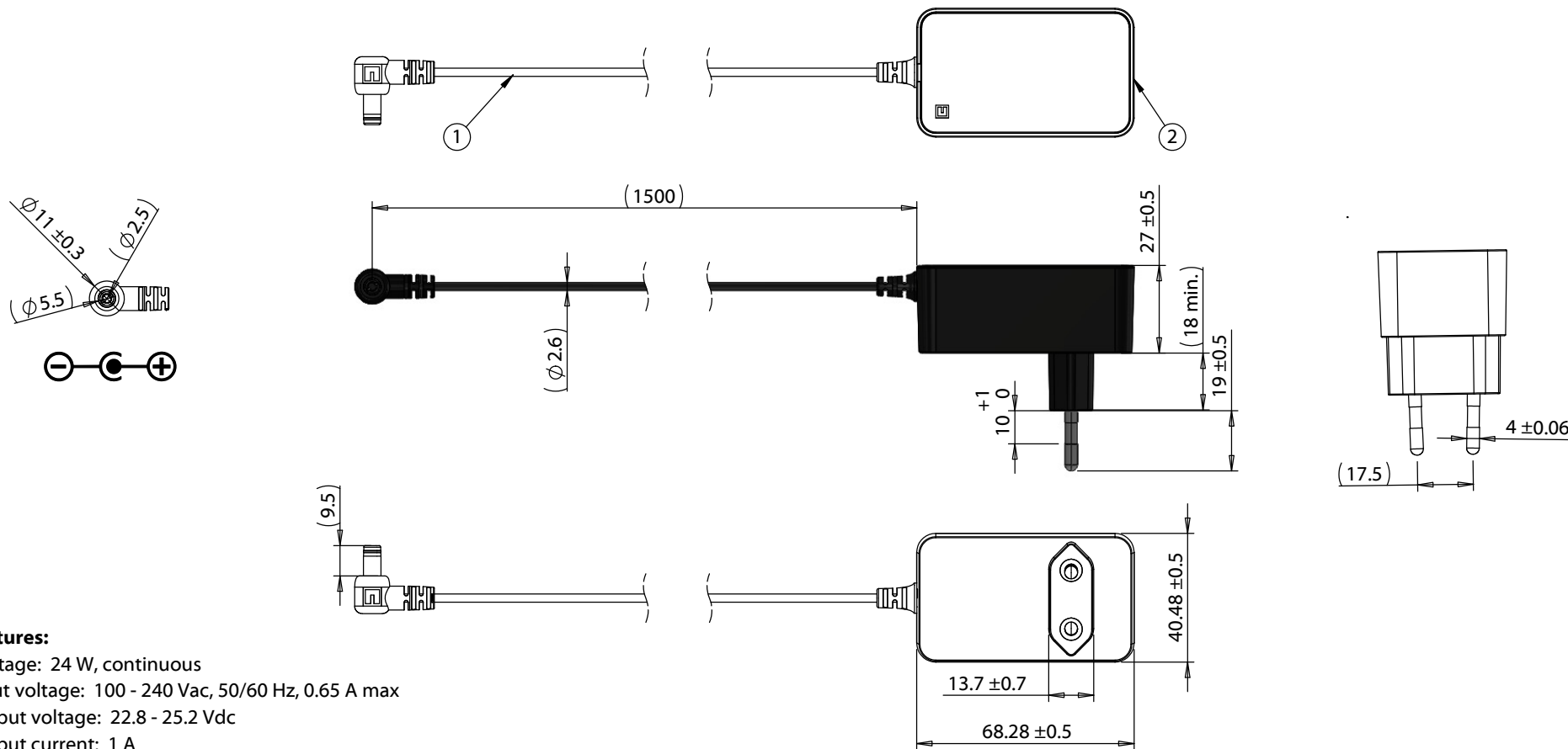


| ITEM NO. | PART NUMBER | DESCRIPTION  | QTY. | COMPONENT NOTES |
|----------|-------------|--|------|-----------------|
| 1        | 10-03174    | Cable, 1500 mm, 5.5x2.5x9.5 mm 50-00129 90° plug to stripped tinned, 24 AWG, 30-00344 wire | 1    |                 |
| 2        | 26-00016    | Case, wall mount, ac-dc power supply, 68.28x40.48x27 mm, CEE 7/16                          | 1    |                 |



**Features:**

Wattage: 24 W, continuous  
 Input voltage: 100 - 240 Vac, 50/60 Hz, 0.65 A max  
 Output voltage: 22.8 - 25.2 Vdc  
 Output current: 1 A  
 Efficiency: Energy Star Level VI  
 Safety: EN62368-1

|           |            |                 |  |  |   |
|-----------|------------|-----------------|--|--|---|
| Revision: | Date:      | Description:    | Prepared:  | Notes:<br>RoHS & REACH compliant<br>Approvals:<br><br><b>CE VI</b> | <b>TENSILITY</b><br>tel 1.541.323.3228 800 877.670.7118<br>fax 1.541.323.4202 web tensility.com |
| A         | 11/17/2025 | Initial release | Verified:  |  |   |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm |  |   |
|           |            |                 | Description:   | Size: Part number:<br>A 16-00311                                   |   |
|           |            |                 | Adapter, WP, 240V, EU, 2P, 24V, 1A, 5.5x2.5x9.5 mm<br>90° plug, 10-03174 cable, C+, Level VI     | Scale: 1:2   | Sheet 1 of 2  |

5

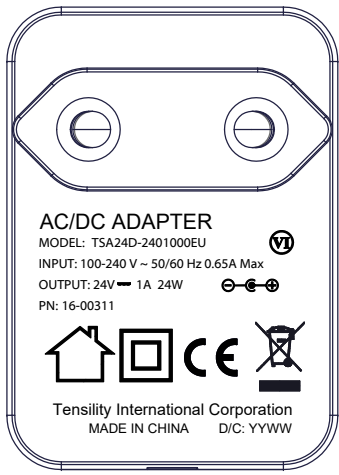
4

3

2

1

|                                 | Rating  | Conditions  |
|---------------------------------|---|---|
| <b>Input</b>                    |   |   |
| Input voltage                   | 100 - 240 Vac   | single phase  |
| Frequency                       | 50 - 60 Hz  |   |
| Steady ac current               | 0.65 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 A   |
| Power                           | 24 Watts continuous                                     | all specified conditions  |
| Ripple voltage                  | 150 mV p-p at 1 A                                       | 20 MHz bandwidth oscilloscope, terminated with 0.1 $\mu$ F ceramic capacitor and 10 $\mu$ F electrolytic capacitor, 25 °C |
| Over current protection         | 110 - 250% 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                      | Energy Star Level VI, 86.20% 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                  | EN62368   |   |
| EMC/EMI testing                 | EN55032, EN55035  |   |
| <b>Mechanical</b>               |   |   |
| Weight                          | 102 $\pm$ 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:<br>RoHS & REACH compliant<br>Approvals:<br><br><b>CE VI</b>   |
| A         | 11/17/2025 | Initial release | Verified:  |  |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: $\pm$ 0.5 mm<br>X.X: $\pm$ 0.3 mm<br>X.XX: $\pm$ 0.05 mm | Description:<br>Adapter, WP, 240V, EU, 2P, 24V, 1A, 5.5x2.5x9.5 mm<br>90° plug, 10-03174 cable, C+, Level VI |

# TENSILITY

tel 1.541.323.3228 800 877.670.7118  
fax 1.541.323.4202 web tensility.com

|            |              |
|------------|--------------|
| Size:      | Part number: |
| A          | 16-00311     |
| Scale: 1:2 | Sheet 2 of 2 |