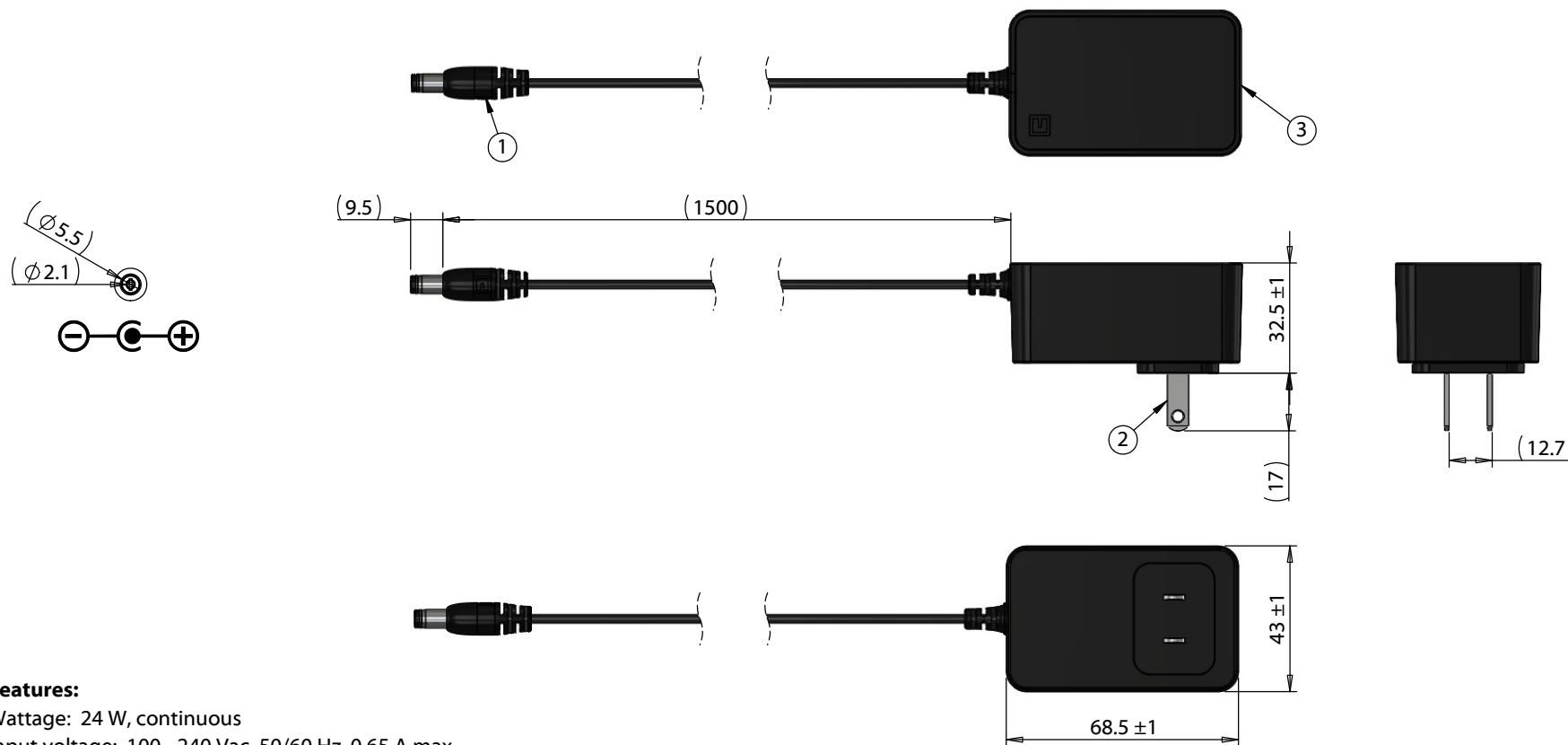


| ITEM NO. | PART NUMBER    | DESCRIPTION                                                                            | QTY. | COMPONENT NOTES |
|----------|----------------|----------------------------------------------------------------------------------------|------|-----------------|
| 1        | 10-03171       | Cable, 1500 mm, 5.5x2.1x9.5 mm 50-00133 plug to stripped tinned, 24 AWG, 30-00344 wire | 1    |                 |
| 2        | Nema 1-15 plug | NEMA 1-15 plug, nickel plated                                                          | 1    |                 |
| 3        | 26-00002       | Case, wall mount, ac-dc power supply, 68.5x43x32.5 mm, NEMA 1-15                       | 1    |                 |



#### Features:

Wattage: 24 W, continuous  
 Input voltage: 100 - 240 Vac, 50/60 Hz, 0.65 A max  
 Output voltage: 24 Vdc  
 Output current: 1 A  
 Efficiency: DoE Level VI  
 Safety: UL 62368-1

|           |            |                 |                                                                                                              |                                                                                                                                                                                                                                                                                                             |                                                                                                                   |                                                                                       |              |  |
|-----------|------------|-----------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|--|
| Revision: | Date:      | Description:    | Prepared:                                                                                                    | Notes:<br>RoHS compliant Approvals:<br><br>   | <h1>TENSILITY</h1> <div>tel 1.541.323.3228 800 877.670.7118</div> <div>fax 1.541.323.4202 web tensility.com</div> |                                                                                       |              |  |
| A         | 03/18/2019 | 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:<br>Adapter, WP, 120V, US, 2P, 24V 1000 mA,<br>5.5x2.1x9.5 mm plug, 10-03171 cable, C+, Level VI | Size:<br>A                                                                                                                                                                                                                                                                                                  | Part number:<br>16-00206                                                                                          |                                                                                       |              |  |
|           |            |                 |                                                                                                              | Scale: 1:2                                                                                                                                                                                                                                                                                                  |                              |  | Sheet 1 of 2 |  |

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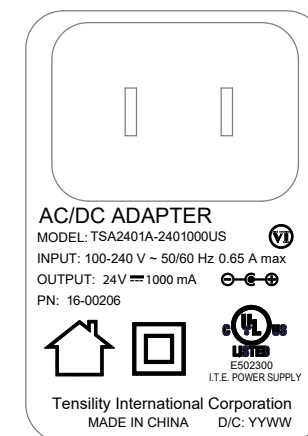
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1

|                                 | 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                                         | 1A                                                                                                                        |
| Power                           | 24 Watts continuous                                     | all specified conditions                                                                                                  |
| Ripple voltage                  | 150 mV p-p at 1A                                        | 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                                                 | 45 °C max at normal input voltage and rated load                                                                          |
| Efficiency                      | DoE Level VI, 86.2% min                                 | 115 or 230 Vac                                                                                                            |
| MTBF                            | 30,000 hours min                                        | Telecordia SR-332                                                                                                         |
| 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                                              |                                                                                                                           |
| <b>Mechanical</b>               |                                                         |                                                                                                                           |
| Weight                          | 105 $\pm$ 10 g                                          |                                                                                                                           |
| <b>Environmental</b>            |                                                         |                                                                                                                           |
| Operating temperature           | 0 to 45 °C                                              | 10 - 90% relative humidity                                                                                                |
| Storage temperature             | -25 to 70 °C                                            | 5 - 95% relative humidity                                                                                                 |

|           |            |                 |                                                                                                              |                                                                                                              |                                                                                                                 |                                                                                       |              |
|-----------|------------|-----------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| Revision: | Date:      | Description:    | Prepared:                                                                                                    | Notes:<br>RoHS compliant<br>Approvals:                                                                       | <div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118<br/> fax 1.541.323.4202 web tensility.com </div> |                                                                                       |              |
| A         | 03/18/2019 | 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, 120V, US, 2P, 24V 1000 mA,<br>5.5x2.1x9.5 mm plug, 10-03171 cable, C+, Level VI | Size:<br>A                                                                                                      | Part number:<br>16-00206                                                              |              |
|           |            |                 |                                                                                                              |                                                                                                              | Scale: 1:1                                                                                                      |  | Sheet 2 of 2 |



Not to Scale