

# INTERCHANGEABLE WALL PLUG POWER SUPPLY 12VDC 24WATT

T5787ST



## Features:

- Interchangeable AC Heads
- 1 Year Warranty
- Level VI Efficiency
- Worldwide Approvals



## Description:

The Stontronics range of 24Watt Interchangeable wall plug power supplies provide 24 watts of continuous power with the flexibility of worldwide usage as they are supplied with UK, Euro, USA & Aus AC Heads , all Efficiency Level VI and carry worldwide safety approvals.

| Specification            |                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Code                | T5787ST                                                                                                                                                                                                                                                                                                                 |
| Input Voltage Range      | 90-264 Vac                                                                                                                                                                                                                                                                                                              |
| Input Frequency Range    | 47-63Hz                                                                                                                                                                                                                                                                                                                 |
| Input Current Rated      | 0.8A Max                                                                                                                                                                                                                                                                                                                |
| Input AC Heads           | UK, Euro, USA & Aus                                                                                                                                                                                                                                                                                                     |
| Output Voltage Rating    | +12V                                                                                                                                                                                                                                                                                                                    |
| Output Current Range     | 2.0A                                                                                                                                                                                                                                                                                                                    |
| Output Min Current       | 0.0A                                                                                                                                                                                                                                                                                                                    |
| Output Connection Type   | 2.1x5.5x12mm centre positive – Straight                                                                                                                                                                                                                                                                                 |
| Total Output Regulation  | +/-5                                                                                                                                                                                                                                                                                                                    |
| Line and Load Regulation | +/-2                                                                                                                                                                                                                                                                                                                    |
| Ripple & Noise           | 200mVp-p                                                                                                                                                                                                                                                                                                                |
| Efficiency               | 86.2%Min                                                                                                                                                                                                                                                                                                                |
| Over Voltage Protection  | Removal of an output overload shall provide automatic recovery for the output voltage.                                                                                                                                                                                                                                  |
| Over Load Protection     | Removal of an output overload shall provide automatic recovery for the output voltage.                                                                                                                                                                                                                                  |
| Operating Temperature    | 0 to 40°C                                                                                                                                                                                                                                                                                                               |
| Storage Temperature      | -20 to +70°C                                                                                                                                                                                                                                                                                                            |
| Operating Humidity       | 10 to 95%                                                                                                                                                                                                                                                                                                               |
| Storage Humidity         | 10 to 95%                                                                                                                                                                                                                                                                                                               |
| Hi-Pot                   | 3000VAC 10mA 1min                                                                                                                                                                                                                                                                                                       |
| Leakage Current          |                                                                                                                                                                                                                                                                                                                         |
| Safety Standard          | CE, FCC, C-Tick, UL, TUV, TUV GS,                                                                                                                                                                                                                                                                                       |
| EMI Standard             | FCC PART 15 Class B<br>AS/NZS CISPR 22:2009 Class B<br>EN55022:2010/AC:2011<br>EN61000-3-2:2006/A2:2009<br>EN61000-3-3:2008<br>EN55024:2010/AC:2011<br>IEC61000-4-2:2008<br>IEC61000-4-3:2006/A1:2007/A2:2010<br>IEC61000-4-4:2012<br>IEC61000-4-5:2005<br>IEC61000-4-6:2008<br>IEC61000-4-8:2009<br>IEC61000-4-11:2004 |
| MTBF                     | 50K Hours                                                                                                                                                                                                                                                                                                               |
| Size mm max.             | 79.1 (L) 46.2 (W) 37.1(H)                                                                                                                                                                                                                                                                                               |
| Weight                   | 250 g                                                                                                                                                                                                                                                                                                                   |

## General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Stontronics Ltd  
Chancerygate Business Centre, Cradock Road, Reading RG2 0AH, UK  
t: +44 (0) 118 931 1199

# INTERCHANGEABLE WALL PLUG POWER SUPPLY 12VDC 24WATT

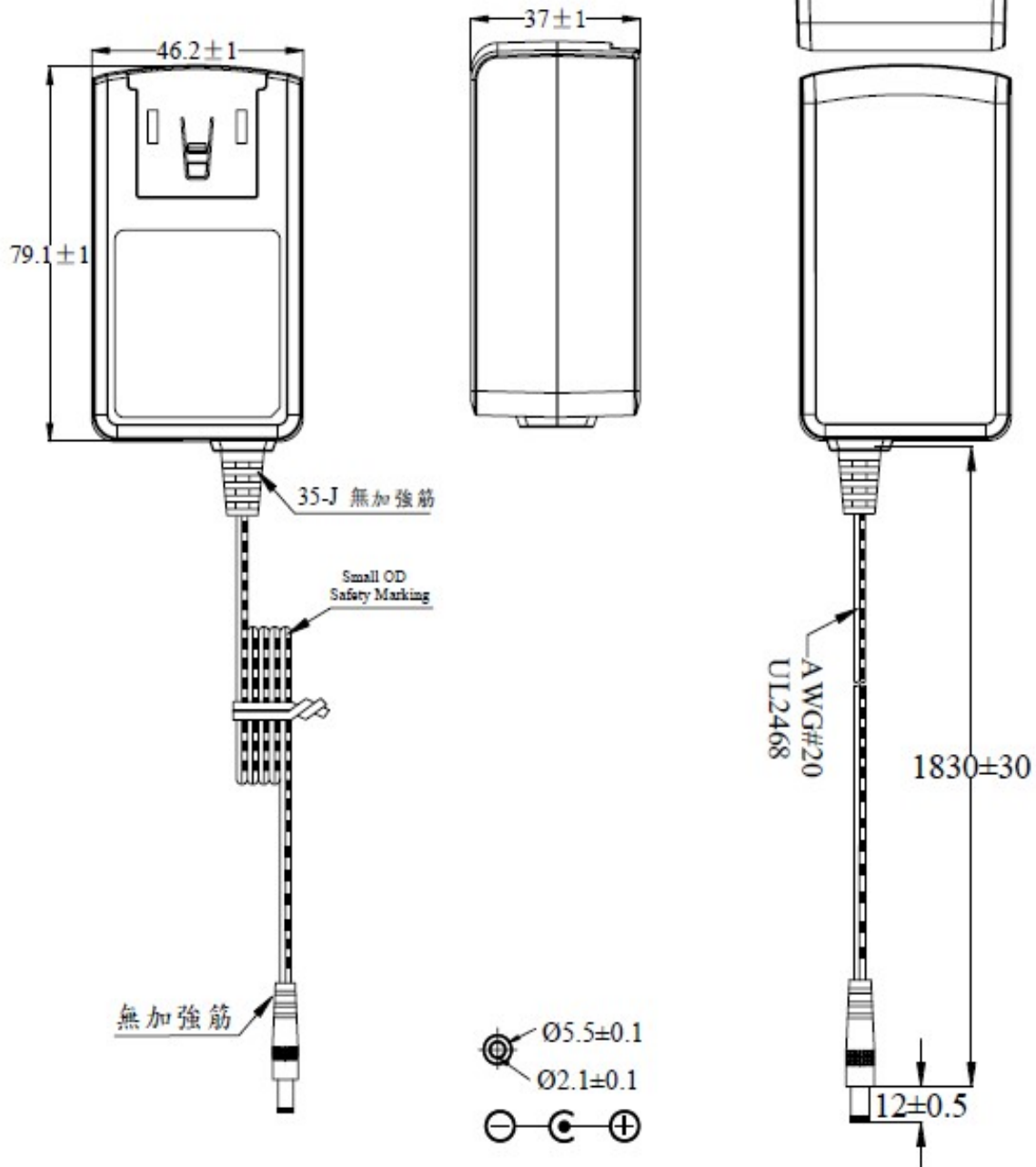
T5787ST



## Diagrams

### 16. OVERALL DRAWING

UNIT: mm



#### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.