

Part Number: T3834ST - 24VDC 2.5Amp C14 Desktop SMPSU

Product Image



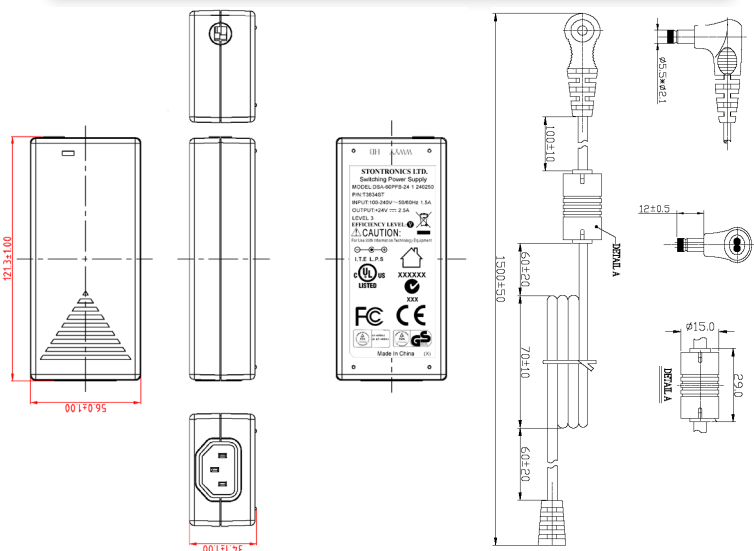
Input

Input Voltage Rating 100 - 240VAC
 Input Voltage Range 90 - 264 VAC
 Input Frequency 47 - 63 Hz
 Input Current 1.5A (230VAC) / 1A (115VAC) Max.
 AC Inrush Current At full load, 25°C, cold start these will be no damage and input fuse will not blow
 Input Power (with no load)..... <0.3W
 AC Inlet IEC320-C14 (kettle style)

Output

Output Voltage +24VDC
 Minimum Load Current 0Amp
 Nominal Load Current 2.5Amp
 Nominal Load Power 60Watts
 Output Regulation +/- 5 %
 Line regulation +/-2% at nominal conditions
 Over Current Protection <3.6A with auto recovery function
 Ripple And Noise 240mV p-p Maximum
 Efficiency 87% min.
 EuP/ErP Rating Level V Compliant
 Hold-Up Time >5ms
 Power Factor Correction ... >0.3 @ nominal I/P Voltage, full load
 DC Plug Right Angled 5.5*2.1*12mm C+ve (1.5M lead)

Mechanical Drawings (mm)



Other

Dimensions 148 (L) * 58 (W) * 37.8 (H) mm Max.
 Weight 320g Maximum
 Operating Temperature 0 °C To 40 °C
 Operating Humidity 20 ~ 85 % Rh. Non-Condensing
 MTBF 50,000 Hours (@80% Load)

Safety

Dielectric Withstanding Voltage Test (HI-POT Test)

Primary To Secondary: 1500VAC 10mA 1minute or 2121VDC 10mA 1 minute
 Primary To Ground: 1500VAC 10mA 1minute or 2121VDC 10mA 1 minute

Leakage Current

3.5mA maximum, at nominal AC input voltage and frequency

Emi Standards

Designed to meet FCC PART 15 CLASS B, CE(EN55022), GB9254, GB17625.1 & C-TICK

Safety Standards

Designed to meet UL/C-UL(UL60950-1), TUV-GS(EN60950-1), T-LICENSE(BS EN60950-1), EK-MARK(K60950), CCC(GB4943) & SAA(AS/NZS60950) RoHS Compliant

Disclaimer

Stontronics Ltd accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice.

Stontronics Ltd is ISO 9001:2008 registered.



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