

STONTRONICS

THE POWER TO SUPPLY

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Stontronics Ltd Product Data Sheet

Part Number: T5136ST - 12Vdc 12.5A C14 Desktop SMPSU

Product Image



Input

Rated Input Voltage 100 - 240VAC
 Input Voltage Range 90 - 264VAC
 Frequency Range 47 - 63 Hz
 Rated Input Current 3A (100Vac) / 2A (240Vac) Max.
 Power Factor 0.9 Min.
 Inrush Current 100A Max @ 240VAC
 Standby Power (no load) <0.5W
 Efficiency 80% min. (full load)
 EuP / ErP compliant Yes. Level V Compliant
 Mains Inlet IEC320/C14 (Kettle/IEC)

Output

Output Voltage +12Vdc (+/- 5%)
 Minimum Load Current 0Amp
 Nominal Load Current 12.5A
 Nominal Load Power 150Watts
 Over Current Protection Protection invoked over 110 to 160%
 Short circuit protection No damage from short conditions
 Over Voltage protection Max OVP Trip Voltage +17V
 Ripple Voltage 120mV (p-p) (@ full load)
 Output Connector 4-Pin Mini DIN pin out: 1 & 2 +V, 3 & 4 GND

Other

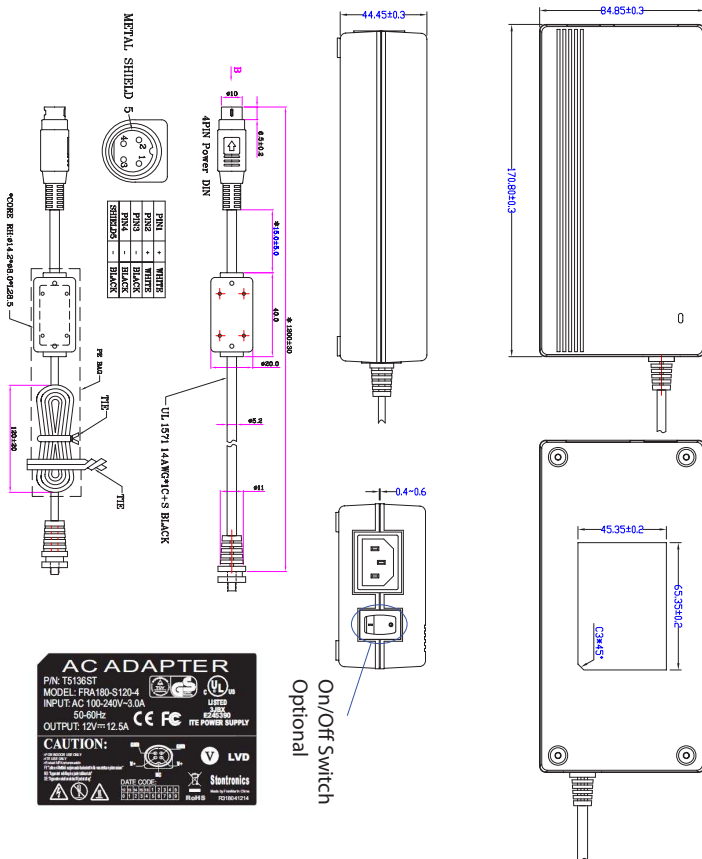
Turn on Delay Time Output steady by 3 seconds Max.
 Hold Up Time 10ms (full load)
 Operating Temperature -10 °C To +50°C
 Derating Power derates linearly from 100% to 75% at 50°C
 Storage Temperature -20 °C To +85 °C
 Operating Humidity 20% to 90%
 Storage Humidity 5% to 95%
 MTBF..... 100,000 hours
 Weight 950g

Safety

Leakage Current 0.75mA Max.
 Hi-Pot 4242Vac 1Min. (Pri-Sec)
 Hi-Pot 2121Vdc 1Min (Pri-FG)
 Ground Continuity Test 25A/ 100mohm/3sec
 Safety Approvals UL and cUL60950-1, EN60950-1,
 IEC60950-1 & GB4943

EMC Standards meets FCC PART 15 CLASS B, CISPR22 CLASS B,
 EN55022 CLASS B, EN61000-3-2,
 EN61000-3-3 & GB9254
 RoHS Compliant

Mechanical Drawings (mm)



Disclaimer

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

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