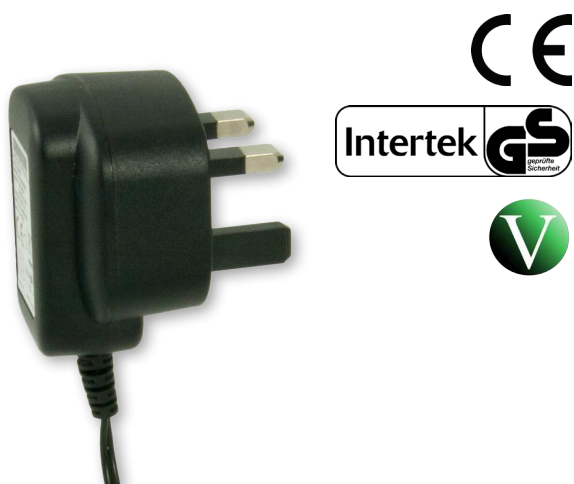


Part Number: T5027ST - 5Vdc 1Amp UK Plugtop SMPSU

Product Image



Input

Input Voltage Rating 100 - 240 Vac
Input Voltage Range 90 - 264 Vac
Input Frequency Rating 50 - 60 Hz
Input Frequency Range 47 - 63 Hz
Input Current 300mA RMS Max
Inrush Current 30A @ 115VAC / 60A @ 230VAC Max
Leakage Current <0.1mA
Input Power (with no load)..... <0.3W
AC Plug UK

Output

Output Voltage 5Vdc
Minimum Load Current 0 Amp
Nominal Load Current 1Amp
Nominal Load Power 5Watts
Load Regulation +/- 5 %
Ripple And Noise 150 mV p-p Maximum
Efficiency 68.3% min. (meets ErP/EuP Level V)
Short circuit protection Output shut down and auto restart
Over Voltage protection protected through primary IC circuit
Connector Straight 2.5 x 5.5 x 12mm C+ve (with 1.5M lead)

Other

Dimensions 54.2 (L) * 32.7 (W) * 30.5 (H) mm
Operating Temperature 0 °C To 40 °C
Storage Temperature -10 °C To 70 °C
Operating Humidity 20 ~ 80 % Rh. Non-Condensing
Storage Humidity 10 ~ 90 % Rh. Non-Condensing

Safety

EMI Standards
EN55022 B

Safety Standards

Safety approved to: Intertek GS & CE

Hi-Pot: I/P to O/P 3000VAC or 4242VDC 10mA 1min

Insulation Resistance: 500VDC test not less than 100Mohm

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.



For more information please contact us:

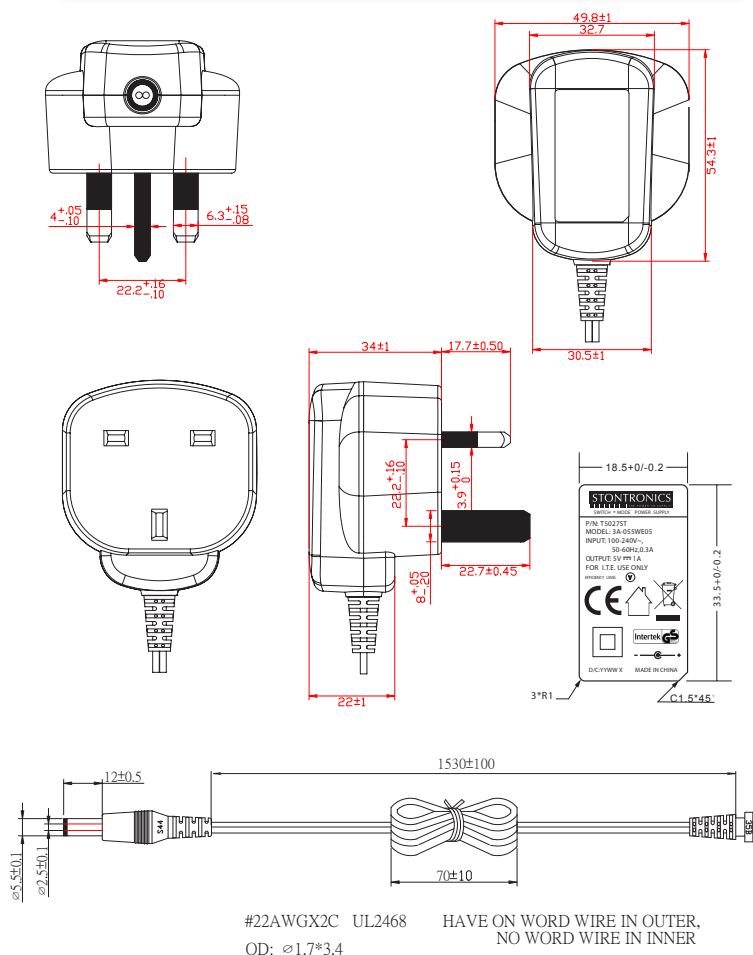
Stontronics Ltd,
Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH

Tel: 0118 931 1199

Fax: 0118 931 1145

Email: info@stontronics.co.uk • Web: www.stontronics.co.uk

Mechanical Drawings (mm)

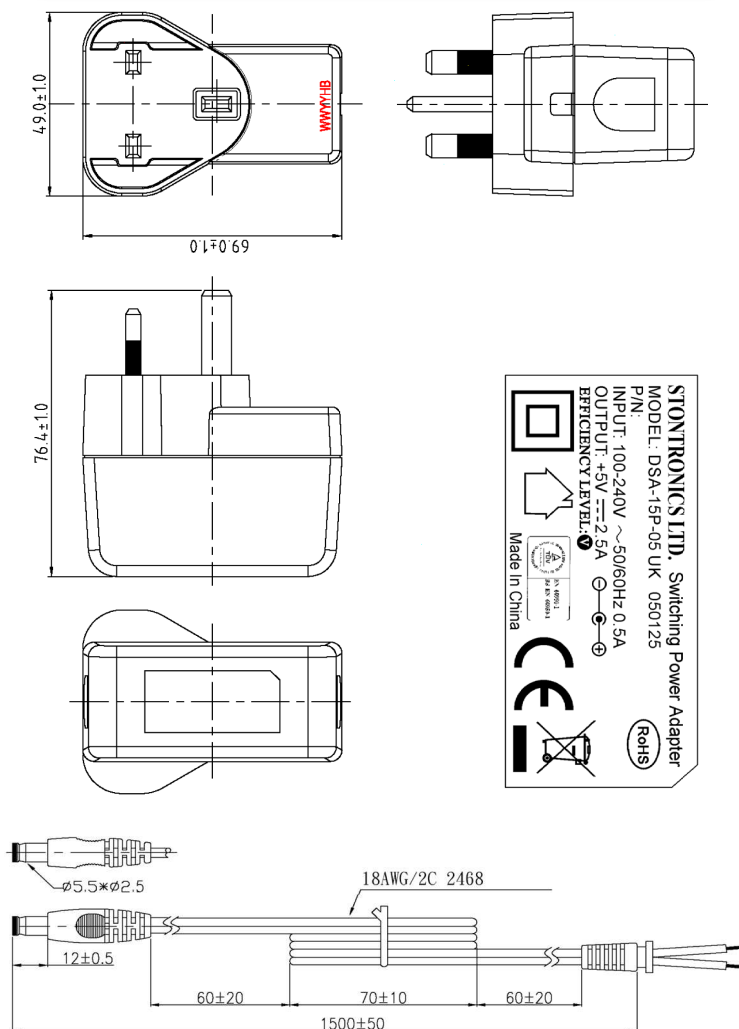


Part Number: T5028ST - 5Vdc 2.5Amp UK Plugtop SMPSU

Product Image



Mechanical Drawings (mm)



Input

Input Voltage Range 90 - 264 VAC
Input Frequency 47 - 63 Hz
Input Current 0.5A Max
Inrush Current No damage & IP fuse will not blow
Input Power (with no load)..... <0.3W
Leakage Current 0.25A Max at nominal AC input
AC Inlet UK Plugtop Style

Output

Output Voltage +5Vdc
Minimum Load Current 0Amp
Nominal Load Current 2.5Amp
Nominal Load Power 12.5Watts
Output Regulation +/-5%
Line Regulation +/-5%
Rise Time 100ms
Turn-On Delay 2 Seconds Max.
Protections Short-Circuit, Over Current & Over Voltage
Ripple And Noise 100mV p-p Maximum
Efficiency 75% min.
EuP Rating Level V Compliant
DC Plug Jack plug 5.5*2.5*12mm (1.5Meter lead length)

Other

Dimensions 70 (L) * 50 (W) * 77.4(H) mm Max.
Weight 140g Maximum
Operating Temperature 0 °C To 40 °C
Operating Humidity 20 ~ 85 % Rh. Non-Condensing
MTBF 50,000 Hours (@80% Load)

Safety

Emi Standards
Designed To Meet CE (EN55022)
Safety Standards
T-LICENSE(BS EN60950-1) & CE(EN55022)
Hi-Pot (3000Vac10mA 1minute or 4242VDC 10mA 1minute)
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.

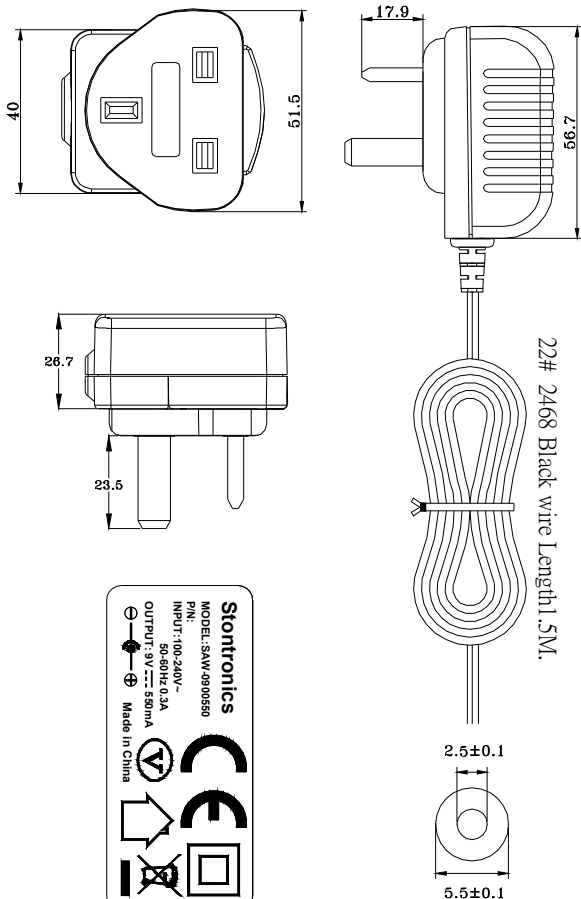
Stontronics Ltd is ISO 9001:2008 registered.



For more information please contact us:
Stontronics Ltd,
Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH
Tel: 0118 931 1199 • Fax: 0118 931 1145
Email: info@stontronics.co.uk • Web: www.stontronics.co.uk

Part Number: **T5029ST - 9Vdc 550mA UK Plugtop SMPSU**

Product Image



Mechanical Drawings (mm)

Input

Input Voltage Rating 100 - 240 Vac
 Input Voltage Range 90 - 254Vac
 Input Frequency 47 - 63 Hz
 Input Current 0.3A Max @ 90V/60Hz full load
 Max. Inrush current 30A @ 100Vac / 75A @ 240Vac full load
 Standby Power with no load 0.3W Max @ 240V/50Hz
 Plug Type..... Fixed UK plug

Output

Output Voltage +5VDC
 Output Voltage Tolerance +/-0.45V
 Minimum Load Current 0Amp
 Nominal Load Current 550mA
 Nominal Load Power 5Watts
 Line Regulation +/-1%
 Load Regulation +/-5%
 Ripple And Noise 100mV p-p (max.)
 Efficiency 60% min. @ full load
 Protections Short, Over Voltage, Over Temp. & Over Current
 Output Connection Style 2.5 x 5.5 x 12mm C+Ve plug

Other

Hold Up Time 10 sec. min. @ 100Vac / 60H full load
 Turn on delay time 3 sec. max. @ 100Vac / 60H full load
 Switching Frequency 65K Hz typical
 Weight approx. 82g
 Operating Temperature -20 °C To +45 °C
 Storage Temperature -20 °C To +75 °C
 MTBF..... 50,000 hours
 Hi-Pot 3000Vac 10mA /min
 Insulation IP-OP 500Vdc 10Mohm min.
 Safety..... CE (EN60950 / EN55022)

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.



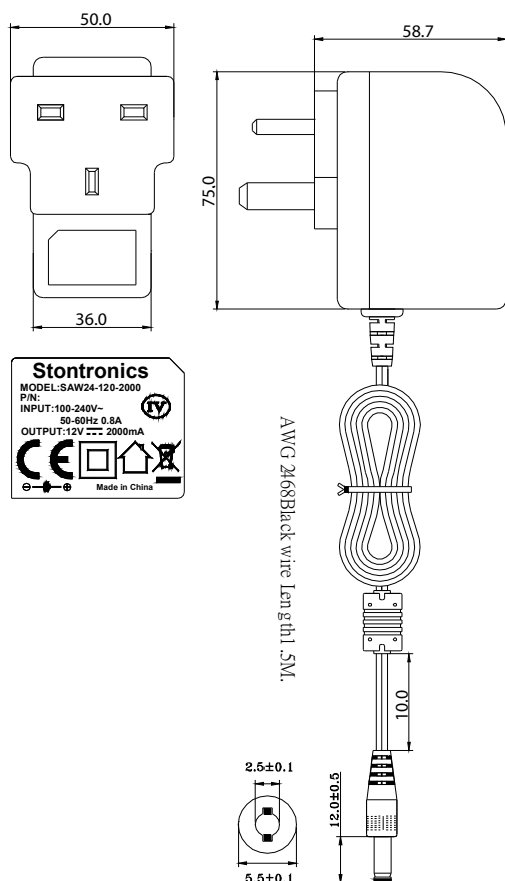
For more information please contact us:
 Stontronics Ltd,
 Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH
 Tel: 0118 931 1199 • Fax: 0118 931 1145
 Email: info@stontronics.co.uk • www.stontronics.co.uk

Part Number: T5030ST - 9Vdc 1.67A UK Plugtop SMPSU

Product Image



Mechanical Drawings (mm)



Input

Input Voltage Rating 100 - 240Vac
Input Voltage Range 90 - 254Vac
Input Frequency 47 - 63 Hz
In-Rush Current 30A (100VAC) / 75A (240VAC) full load
Input Current 0.8A Max.
Standby Power with no load 0.5W Max @ 254V/50Hz
Plug Type..... Built-in Standard UK plug

Output

Output Voltage +9Vdc
Output Voltage Tolerance +/- 0.45V
Minimum Load Current 0Amp
Nominal Load Current 1670mA
Nominal Load Power 15Watts
Line Regulation +/-1%
Load Regulation +/-5%
Ripple And Noise 100mVp-p
Efficiency (Level IV ErP Compliant) 75% min. @ full load
Note: Level V efficiency pending.
Protections..... Short, Over voltage & Over Current
Over Temperature Protection Shutdown when
temp exceeds 65 °C
Output Connection Style Straight 2.5mm C+ve DC Plug

Other & Safety

Switching Frequency..... 65K Hz typical
Hold Up Time 10m sec. min. (100VAC)
Turn On Delay..... 3 sec. max. (100VAC)
Operating Temperature -20 °C to +40 °C
Storage Temperature -20 °C to +75 °C
Operating Humidity 20% to 90%
Storage Humidity 0% to 90%
Dielectric Withstand Test (Hi-pot) 3000Vac 10mA /min.
Insulation 500Vdc 10Mohm Min. (I.P. - O.P.)
MTBF..... 50,000 hours
Safety..... CE EN60950/EN55022

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.



For more information please contact us:
Stontronics Ltd,
Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH
Tel: 0118 931 1199
Fax: 0118 931 1145
Email: info@stontronics.co.uk • www.stontronics.co.uk