

# EXTERNAL DESKTOP POWER SUPPLY 12VDC 18WATT



## T5890ST

### Features:

- Universal Input
- IEC-320-C14 Input Connector
- 3 Year Warranty
- Efficiency Level VI
- Safety approved to: UL,CUL,FCC,GS,CE,RCM



### Description:

The Stontronics Range of 18 watt AC/DC switch mode power supplies provide 18 watts of continuous output power in a high quality compact enclosure suitable for many general power applications.

Specification	
RS Stock No.	T5890ST
Input Voltage Range	90 → 264 V ac
Input Frequency Range	47 → 63Hz
Input Connector	IEC 320-C14
Input Current Rated	500mA Rms Max
Inrush Current	50A Max. at 115VAC cold start
	100A Max. at 230VAC cold start
Leakage Current	<3.5mA
Efficiency	85% Min
Input Power(Output: No Load)	<0.1W (CEC & DOE LEVEL VI Compliant)
Output Voltage Rating	12 VDC
Output Current Range	1.5A
Output Min Current	0A
Output Connection Type	2.1 x 5.5 x 12 mm Centre Positive - Right Angle
Line and Load Regulation	+/-5%
Over Voltage Protection	Protection zener
Over Load Protection	<2.5A output load
Short Circuit Protection	Output shut down auto recover
Ripple Voltage	150 mV (p-p) (100V-240V AC Input )
Hi-Pot	1500Vac or 2121VDC 10mA 1 min
Safety Approved	UL,CUL,FCC,GS,RCM,CE
EMI Standard	FCC Class B, CE
Operating Temperature Range	0 → +40 °C
Storage Temperature	-10 to 70°C
Operating Humidity	20% to 80%
Storage Humidity	10% to 90%
Dimensions	(L) 80.6 x (W) 50 x (H) 31mm
Product Weight	130 gm
Regulator Type	Switched Mode Power Supply

### 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.

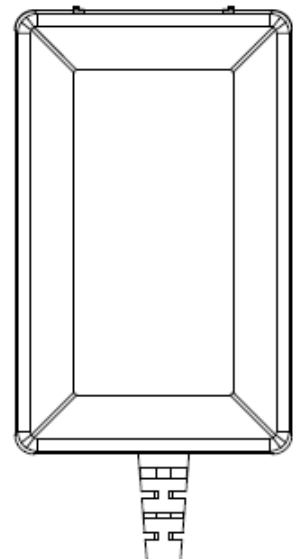
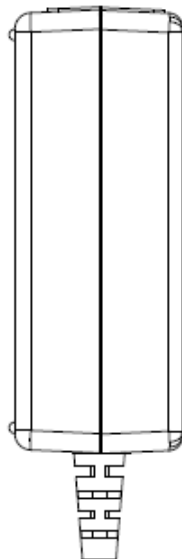
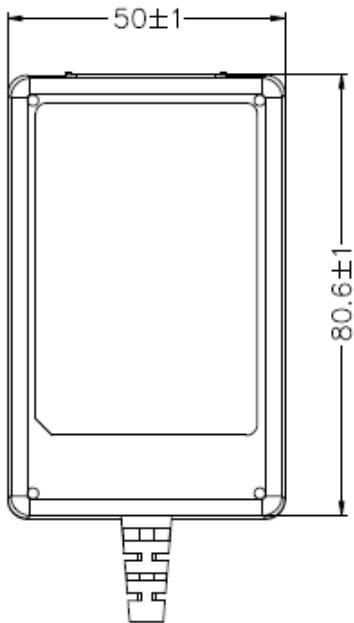
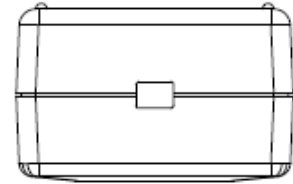
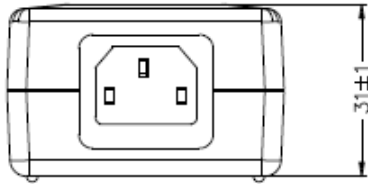
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T5890ST



## Diagrams



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