



ENGLISH

T5889ST - PLUG & GO SMPSU



Specifications:

- Universal / Full Range AC Input
- Compatible with Arduino
- Versatile Plug & Go / World Traveller
- Small & Compact Design
- Cost Effective & Highly Reliable
- 1 Year Warranty



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Characteristics	
Manufacturers Part Number	T5889ST
RS Stock Code	1244716
AC Input Voltage	90-264VAC
AC Input Frequency	47-63Hz
AC Input Current	0.5A Max
Configuration	Wall mount, FULL-Pin, 2 Conductors, <LIVE, Neutral>
DC Output Voltage	+12V
Minimum Load Current	0A
Nominal Load Current	1A
Nominal Output Power	12W
Line Regulation	+/- 5%
Load Regulation	+/- 5%
Ripple & Noise	At 20 MHz, and output parallel with 0.1uF & 10uF capacitors to ground Temperature at 25 °C, and Ripple & Noise nominal AC input voltage
Efficiency	82.96% Minimum
Turn On Delay	3s Max
Over Current Protection	2.5A Maximum with auto-recovery Function
Over Voltage Protection	25V Maximum
Short Circuit Protection	The adapter shall not be damaged by short the DC output to Ground.
Dimension	70(L) *32.8(W) *49(H) mm maximum
Weight	80g
Input Plug Type	Wall-mount type, FULL-pin
Output Cord	WIRE: 22AWG /2C 2468,1500mm PLUG: JACK PLUG 5.5*2.1*12 mm
Operating Temperature	0 - 40 C
Storage Temperature	-20 - 60C
Operating Temperature	20 - 85% RH Non-condensing
Storage Humidity	5 - 95% RH Non-condensing
Leakage Current	0.25mA maximum, at nominal AC input voltage and frequency
Safety Standard	Designed to meet UL/CUL(UL60950-1),TUV-GS(EN60950-1),SAA(AS/NZS 60950-1), T-LICENSE(BS EN60950-1)
EMI Standard	Designed to meet FCC(PART 15 CLASS B),CE(EN55022),RCM(EN55022:2010)
MTBF	50K Operating Hours