



Features:

- Universal / Full range AC input
- 2 pole IEC320-C8 (Fig-8) inlet
- Class II power (no earth pin)
- Fully enclosed attractive plastic case
- Small & Compact design
- Cost effective and high reliability
- Protections: Over Voltage, Short circuit & Over Temp.
- Approvals: GS, UL/cUL & CE
- Level V ErP/EuP efficiency compliant
- MTBF >50,000 hours
- 1 Year Warranty



Output Characteristics										
Part Number	T2301ST	T2319ST	T2322ST	T2300ST	T2318ST	T2323ST	T3624ST	T2321ST	T2317ST	T2500ST
Voltage	5Vdc	6Vdc	7Vdc	9Vdc	10Vdc	12Vdc	12Vdc	15Vdc	18Vdc	24Vdc
Current Max.	2A	2A	1.75A	1.33A	1.2A	1A	1A	0.8A	0.67A	0.5A
Current Min.	0A	0A	0A	0A	0A	0A	0A	0A	0A	0A
Power (watts)	10W	12W	12W	12W	12W	12W	12W	12W	12W	12W
Line Regulation	+/- 5%	+/- 1%	+/- 5%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Voltage Tolerance	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%
Ripple & Noise (mV p-p)	150mV	150mV	150mV	150mV	150mV	100mV	100mV	150mV	150mV	240mV
Protections	Over Voltage: The output voltage shall be clamped by internal protection zener Short Circuit: Output shut down and auto restart Temperature: No ignition, smoke or deformation of the case									
Case Size (See below) mm	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3	75x47.5x27.3
Weight										
DC Cord	1.5 Metre	1 Metre	1.5 Metre	1.8 Metre	1.5 Metre	1.8 Metre	1.8 Metre	1.5 Metre	1.5 Metre	1.8 Metre
DC Plug	Straight 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve	R-A 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve	Straight 2.1 C+ve

Input Characteristics										
Rated Input Voltage	100-240Vac									
Full Input Voltage Range	90-264Vac									
Rated Frequency	50-60Hz									
Full Frequency Range	47-63Hz									
Efficiency (min.)	73.36%	74.7%	77.9%	77.9%	77.9%	77.9%	77.9%	77.9%	77.9%	77.9%
Input Current (RMS Max.)	300mA	300mA	300mA	300mA	300mA	300mA	300mA	300mA	300mA	300mA
Inrush Current 115Vac: 230Vac:	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.	30A Max. 60A Max.
Leakage Current	<0.25mA									
Input Power (no load)	<0.3W Max. (Level V ErP/EuP/CEC Compliant)									
AC Mains Inlet Plug	IEC320/C8 type (also known as Fig-8)									

Safety, Mechanical and Other Characteristics	
Range Model Designations	3A-124DA
Hi-Pot Specification (I.P. to O.P.)	3000Vac or 4242Vdc 10mA 1 min.
Insulation Resistance (I.P. to O.P.)	500Vdc to test the I.P.-O.P resistance not less than 100Mohm
Operating Temperature	0°C to 40°C
Storage Temperature	-10°C to 70°C
Operating Humidity	20% to 80%
Storage Humidity	10% to 90%
Safety Approvals	UL/CUL, GS, CE & PSE (T2322ST - CE only)
EMI Standards	FCC Class B, CE & VCCI
PB-free	Yes. RoHS Compliant
MTBF	50K Hours (mean time before failure)



Stontronics Ltd

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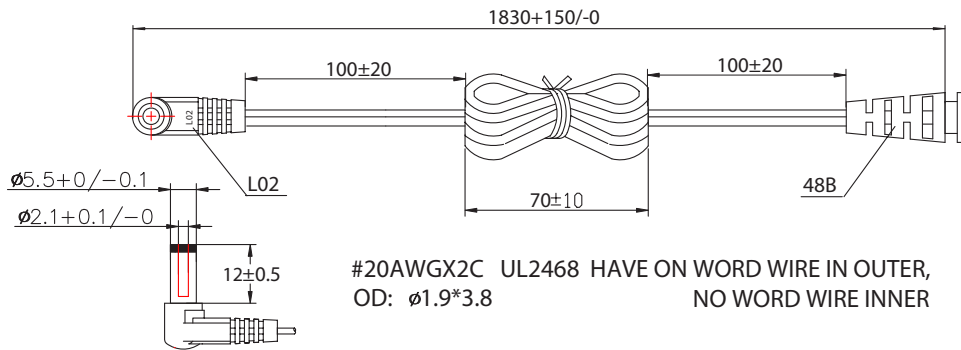
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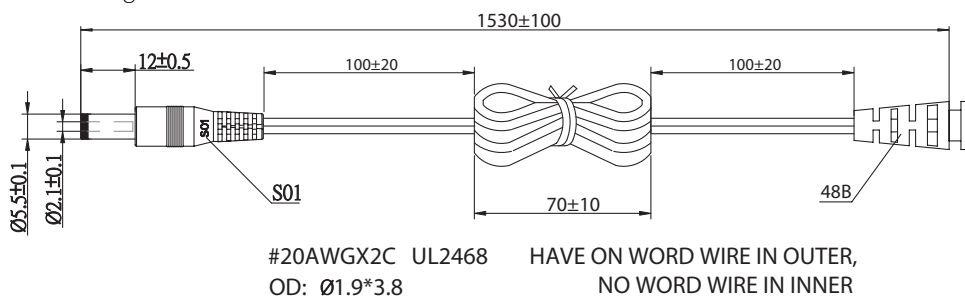
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DC Plug & Lead Drawings

- 1.8M R-A DC Lead:

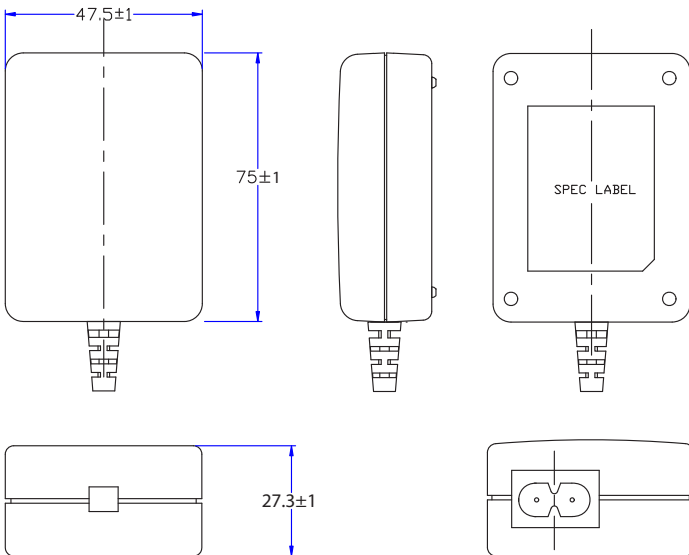


- 1.5M Straight DC Lead:

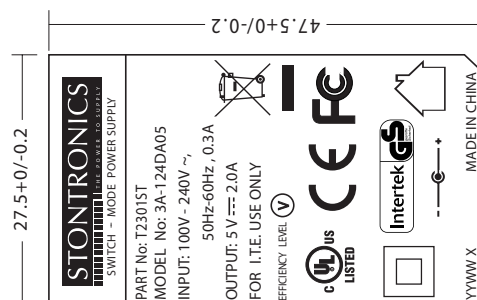


Case Drawing

- 75x47.5x27.3mm:



Example Spec Label:



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