



Features:

- Universal / Full range AC input
- 3 pole IEC320-C14 (kettle) inlet
- Class I power (with 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	T2502ST	T2505ST	T2368ST	T3835ST	T2508ST	T2510ST	T2512ST
Voltage	5Vdc	9Vdc	12Vdc	12Vdc	15Vdc	18Vdc	24Vdc
Current Max.	4A	2.2A	2A	2A	1.6A	1.1A	1A
Current Min.	0A	0A	0A	0A	0A	0A	0A
Power (watts)	20W	20W	24W	24W	24W	20W	24W
Line Regulation	+/-5%	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Voltage Tolerance	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%
Ripple & Noise (mV p-p)	150mV	150mV	200mV	200mV	200mV	180mV	200mV
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)	80.6x50x31	110x60x34	80.6x50x31	80.6x50x31	80.6x50x31	110x60x34	80.6x50x31
Weight (approx.)	150g	270g	150g	140g	150g	270g	150g
DC Cord	1 Metre	1.5 Metre	1.5 Metre	1.5 Metre	1.5 Metre	1.8 Metre	1.5 Metre
DC Plug (mm)	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.)	78.57%	76.87%	82.1%	82.1%	82.1%	76.87%	82.1%
Input Current (RMS Max.)	500mA	800mA	800mA	800mA	800mA	800mA	800mA
Inrush Current 115Vac: 230Vac:	40A Max. 80A Max.	40A Max. 80A Max.	50A Max. 100A Max.	50A Max. 100A Max.	50A Max. 100A Max.	40A Max. 80A Max.	50A Max. 100A Max.
Leakage Current	0.75mA	3.5mA	<3.5mA	<3.5mA	<3.5mA	3.5mA	<3.5mA
Input Power (no load)	<0.3W Max. (Level V ErP/EuP/CEC Compliant)						
AC Mains Inlet Plug	IEC320/C14 type (also known as IEC or Kettle)						

Safety, Mechanical and Other Characteristics	
Range Model Designations	3A-204DB, 3A-212DB & 3A-242DB (specified individually on each product label)
Hi-Pot Specification	1500Vac or 2121Vdc 10mA 1 min. (I.P. to O.P.)
Insulation Resistance	500Vdc to test the I.P-O.P resistance not less than 100Mohm (I.P. to O.P.)
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, RCM & PSE
EMI Standards	FCC Class B, CE & VCCI
PB-free	Yes. RoHS Compliant
MTBF	50K Hours (mean time before failure)



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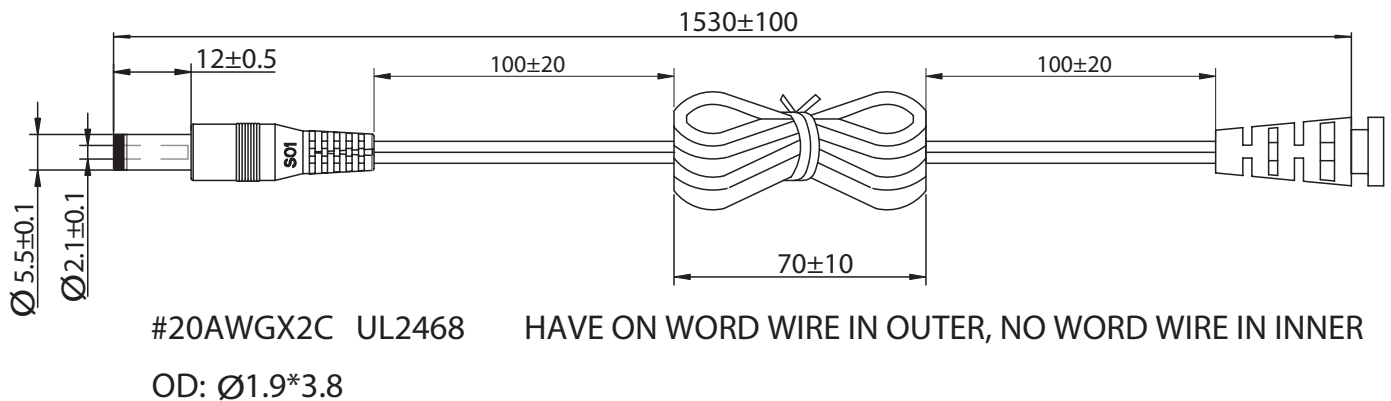
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Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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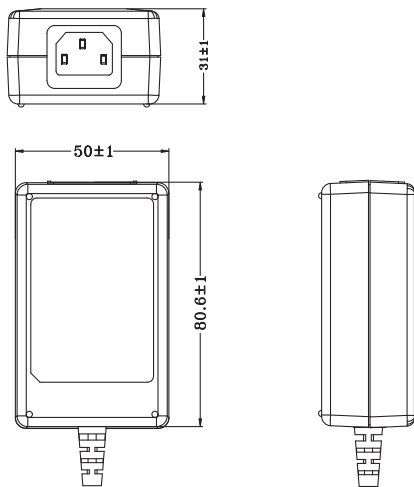
DC Plug & Lead Drawing

- 1.5M DC Lead:

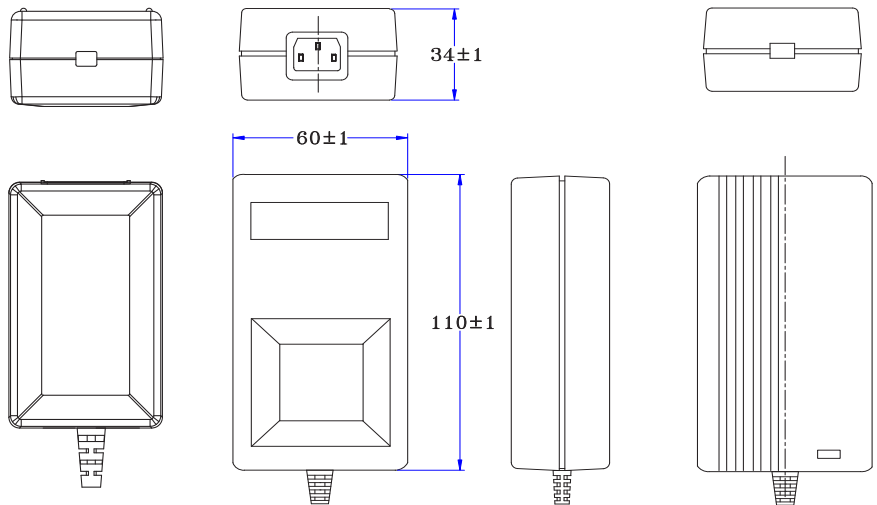


Case Drawings

- 80.6x50x31mm:



- 110x60x34 mm:



Example Spec Label:

