



ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING DESKTOP ADAPTOR
POWER SUPPLY WITH PFC
SINGLE OUTPUT / UNIVERSAL RANGE INPUT
120 WATTS

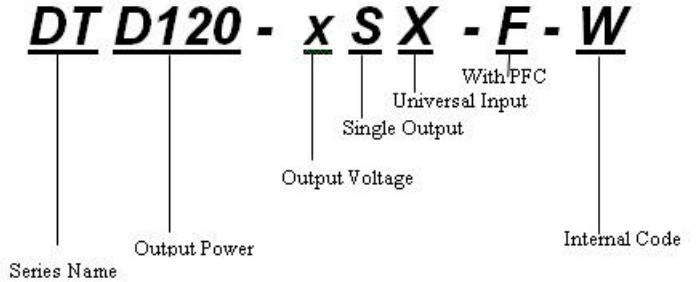
DTD120-xSX-F-W Series



Dimension: L170xW64.8xH37 mm



General Description



Input

Input Voltage Range: 90-264VAC

Frequency: 47-63Hz

Input Current (rms): 2A @ 90Vac;
1A @ 264Vac max.

Power Factor: >0.9 (20%~100%Load)

Efficiency : >80% @ full load,
115VAC

Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested

Option

AC input: IEC 320-C14 or C6 inlet

Output Characteristic	Unit	DTD120-12SX-F-W	DTD120-19SX-F-W	DTD120-24SX-F-W
		Output Voltage	Vdc	12
Output Current	A	8.33	6.3	5
Output Power	W	100	120	120
O/P Regulation	%	5	5	5
Ripple & Noise (Vp-p)*	mVp-p	300	200	200
Hold-up time	mS	>16ms typical at full load @ 115VAC		

* Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.



ETA USA
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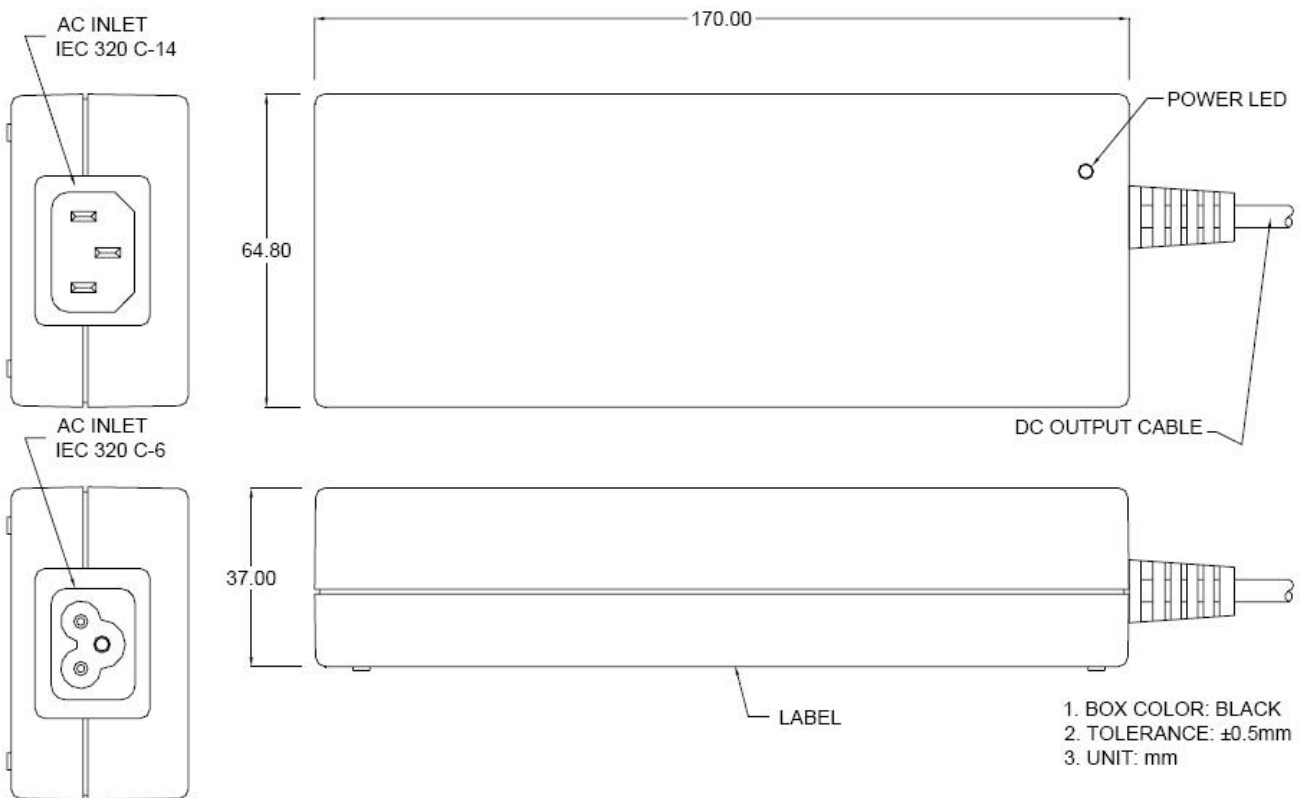


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Environmental Specification	
Operating Temperature	0 to +40°C
Storage Temperature	-10 to +70°C
MTBF demonstrated	>80'000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60950 CSA 22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1 PSE J60950 CCC
EMC Standards	CISPR 22 Class B, FCC Part 15 Class B, EN 55022 Class B, EN 61000-3-2 Class D, EN 55024, CE
Protection	
Short circuit protection	Auto Recovery
Over Voltage Protection	AC Recycle
Mechanical	
Dimension [mm]: L170×W64.8×H37mm 2PIN OR 3PIN ARE AVAILABLE AC Input : IEC 320-C14 or IEC 320-C6 Inlet	

DIMENSION DIAGRAM (mm)



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