



# ETA-USA

## HIGH QUALITY SWITCHING POWER SUPPLIES

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

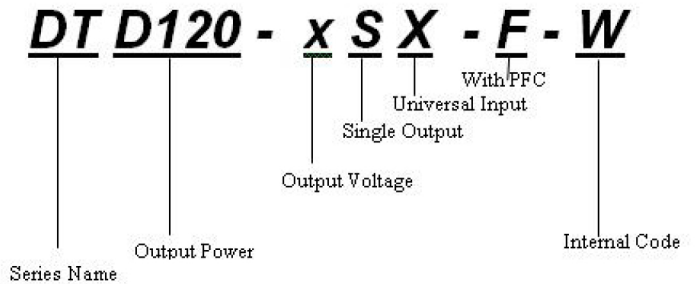
### DTD120-SX-F-W Series



Dimension: L170×W64.8×H37 mm



#### General Description



#### Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested
4. Meet CEC Level V

#### Option

AC input: IEC 320-C14 or C6 inlet

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
CEC :	No load power consumption <0.3 W @240 VAC

Output Characteristic	Unit	DTD120-12SX-F-W	DTD120-19SX-F-W	DTD120-24SX-F-W	DTD120-36SX-F-W	DTD120-48SX-F-W
Output Voltage	Vdc	12	19	24	36	48
Output Current	A	8.33	6.3	5	3.3	2.5
Output Power	W	100	120	120	120	120
O/P Regulation	%	5	5	5	5	5
Ripple & Noise *	mVp-p	120	190	240	360	480
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.



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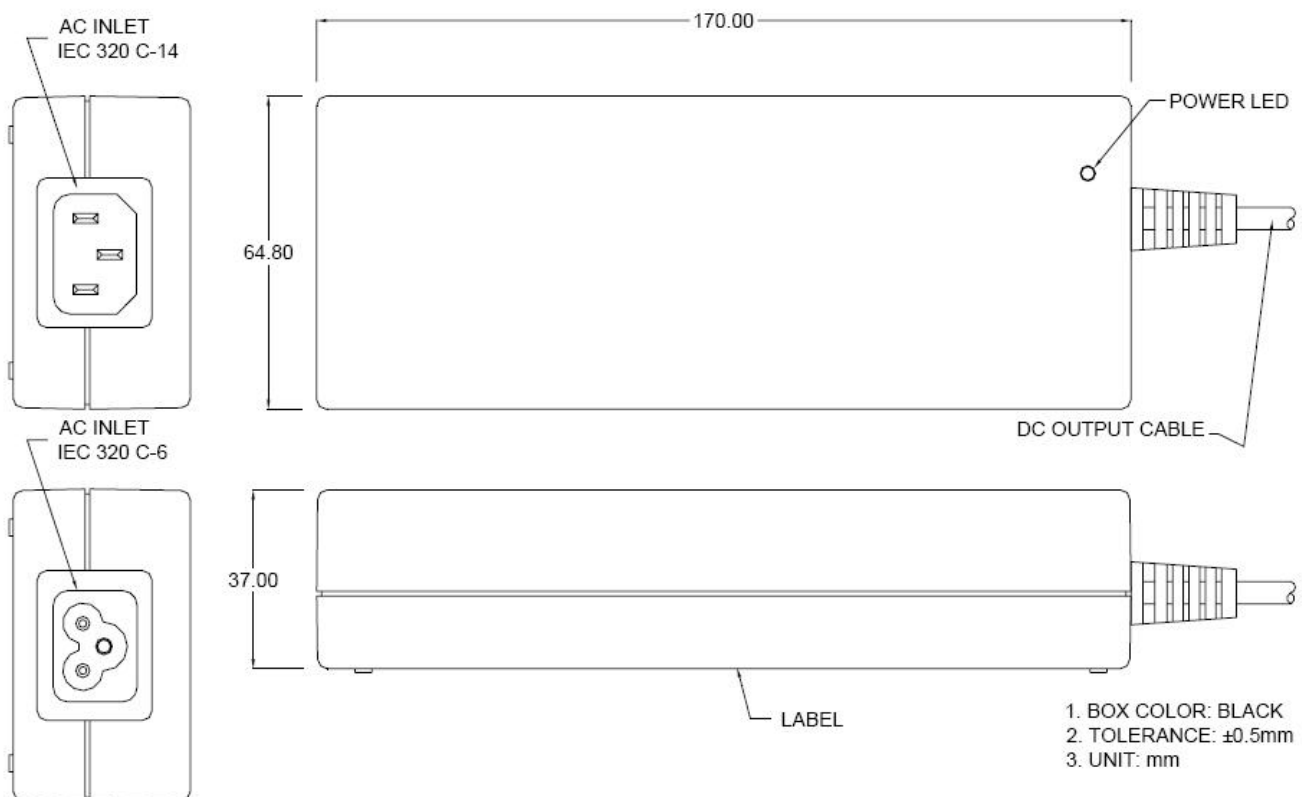


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Environmental Specification	
Operating Temperature	0 to +40°C
Storage Temperature	-10 to +70°C
MTBF demonstrated	>80'000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60950 CSA 22.2-No.60950-1 TUV EN60950-1 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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