



ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

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

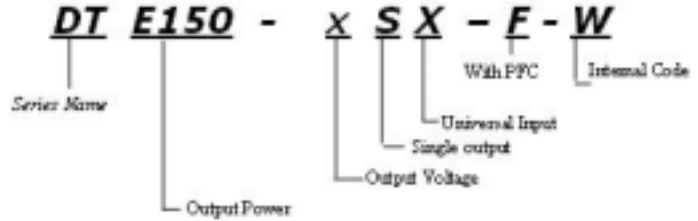
DTE150-xSX-W Series



Dimension: L188.5xW104.5xH60mm



General Description



Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested
4. Safety Approvals, EMC compliance
5. 40mm cooling fan
6. AC input: IEC 320-C14

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

Output Characteristic	Unit	DTE150-12SX-F-W	DTE150-15SX-F-W	DTE150-17SX-F-W	DTE150-18SX-F-W	DTE150-19SX-F-W	DTE150-20SX-F-W	DTE150-24SX-F-W	DTE150-36SX-F-W	DTE150-48SX-F-W
		Output Voltage	Vdc	12	15	17	18	19	20	24
Output Current	A	12.5	10	8.8	8.3	7.9	7.5	6.3	4.2	3.1
Output Power	W	150								
O/P Regulation	%	±3%								
Ripple & Noise (Vp-p)*	mVp-p	1%								
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.



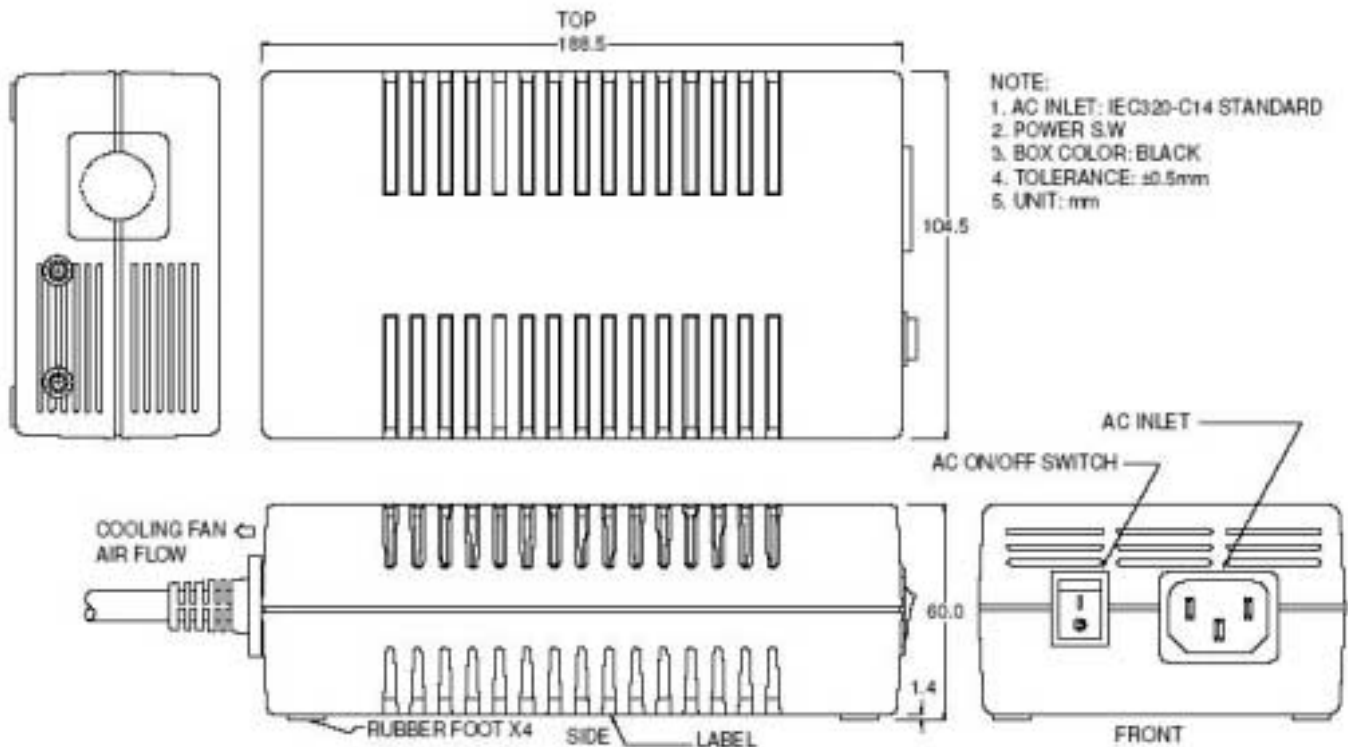


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Environmental Specification	
Operating Temperature	0 to +50°C
Storage Temperature	-10 to +70°C
MTBF demonstrated	>100'000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60950 CSA 22.2-No.60950 TUV EN60950 CB IEC 60950
EMC Standards	CISPR 22 Class B, FCC Class B, EN55022 Class B, EN61000-3-2, CE
Protection	
Short circuit protection	Auto Recovery
Over Voltage Protection	AC Recycle
Mechanical	
Dimension [mm]:	L188.5×W104.5×H60mm
AC Input :	IEC 320-C14

DIMENSION DIAGRAM (mm)



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