



# ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING ADAPTER  
250 WATTS  
AC INPUT 90-264 VAC  
SINGLE OUTPUT

## DTE250-SX-F-W-C2



Dimension : L188.5×W104.5×H60mm



EPA POLLUTION PREVENTER

### Input

Input Voltage	90-264VAC
Range:	
Frequency:	47-63Hz
Input	
Current (RMS) :	3.5A max.@ 90VAC 1.5A max.@ 264VAC
Power Factor:	>0.9 (100% Load, 115VAC/230VAC)
Efficiency :	>87% @ full load, 115VAC

### General Description

### Features

1. High Reliability
2. AC Input : IEC 320-C14 Inlet
3. 100% Burn-in tested
4. 100% Hi-pot tested
5. 40mm cooling fan w/fan speed control
6. No load power consumption <500mW
7. Meets CEC and Energy Star level V
8. Short circuit protection, over load protection, over voltage protection





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Environmental Specification	
Operating Temperature	-20 to +40°C
Storage Temperature	-10 to +85 °C
Humidity	10~90%
MTBF demonstrated	>140,000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60950-1 CSA 22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1
EMI Standards (Meet)	FCC Class B CISPR 22 Class B EN 55022 Class B CE
Protection	
Short circuit protection	Auto-recover
Over Voltage Protection	Latch, AC recycle
Over Load Protection	Auto-recover
Mechanical	
Dimension [mm]	<b>L188.5×W104.5×H60mm</b>
Weight (g)	<b>1060g</b>

Output Characteristic	Unit	DTE250-12SX-F-W-C2	DTE250-16SX-F-W-C2	DTE250-19SX-F-W-C2	DTE250-20SX-F-W-C2	DTE250-24SX-F-W-C2	DTE250-36SX-F-W-C2	DTE250-48SX-F-W-C2
		Output Voltage	Vdc	12	16	19	20	24
Output Current	A	20.83	15.63	13.16	12.5	10.42	6.94	5.21
Output Power	W	250						
O/P Regulation	%	±5%						
Ripple & Noise (Vp-p) *	mVp-p	240	300	300	300	300	300	300
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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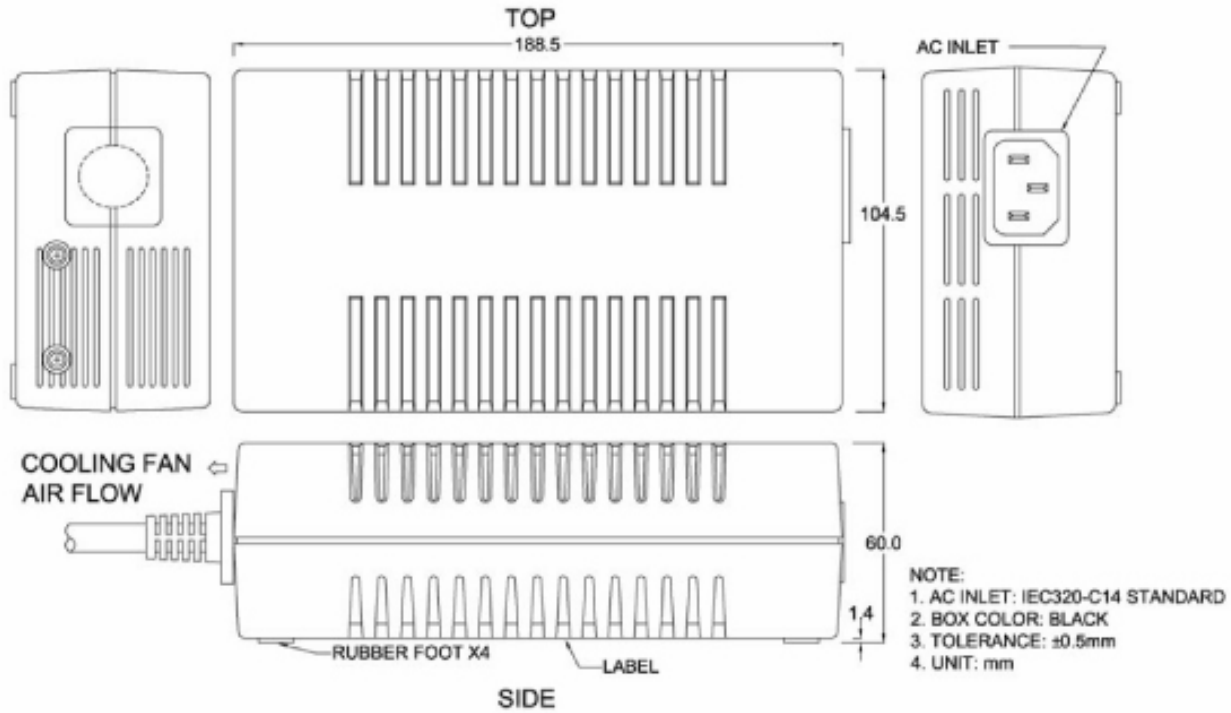
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## DIMENSION DIAGRAM (mm)



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