



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



Input

Input Voltage Range:	90-264VAC
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



ETA USA

16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
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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]	L188.5×W104.5×H60mm
Weight (g)	1060g

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
		12	16	19	20	24	36	48
Output Voltage	Vdc	12	16	19	20	24	36	48
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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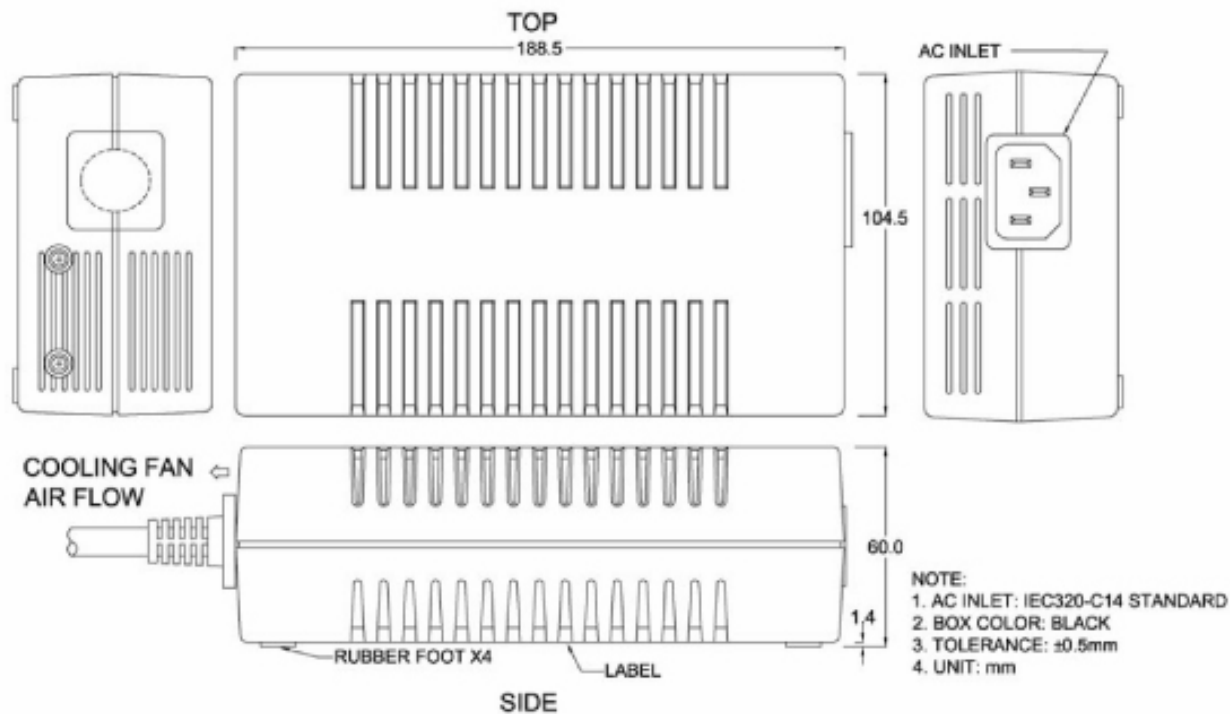
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HIGH QUALITY SWITCHING POWER SUPPLIES

DIMENSION DIAGRAM (mm)



Mouser Electronics

Authorized Distributor

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[C2](#) [DTE250-36SX-F-W-C2](#) [DTE250-48SX-F-W-C2](#)