



ETA-USA

The Power Professionals

DTE100-SX-F-W6

100W



FEATURES:

- Output voltage range from +12V to +52V
- 3-prong IEC320-C14 AC inlet, Class I
- Meet DOE level VI and EU tier 2 Efficiency requirements
- No load Power consumption < 150mW

2 year warranty

Non Standard Available Voltages:

12-14V, 15-26V, 33-39V and 44-52V



	MODEL/CHANNEL	Unit	DTE100-12SX-F-W	DTE100-16SX-F-W	DTE100-19SX-F-W	DTE100-24SX-F-W	DTE100-36SX-F-W	DTE100-48SX-F-W
OUTPUT	Norminal Voltage	[V]	12	16	19	24	36	48
	Norminal Current	[A]	8.34	6.25	5.27	4.17	2.78	2.09
	Output Regulation	[A]	5	5	5	5	5	5
	Output Power	W	100	100	100	100	100	100
	Ripple & Noise Max	[mV]	240	320	380	480	480	480
INPUT	Input Voltage Range	[V]	90-264VAC					
	Frequency:	[A]	47-63Hz					
	Input Current(rms):	[%]	2.5A @90VAC; 1.25A @264VAC max.					
	Power factor	-	>0.95@115VAC; > 0.90 @230VAC @full load					
	Efficiency	%	>89% @average load, 115/230VAC					
	Inrush Current	[A]	< 75A peak @115VAC; < 150A peak @230VAC cold start @25°C					
	Hold Up Time	-	Hold-up time : > 16ms typical @full load, 115VAC					
Environmental Agencies	Safety Standards	-	UL 60950-1 CSA C22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1					
	EMC Standards	-	FCC Class B CISPR22 Class B EN 55022 Class B CE					
Environment	Operating temp. & Humidity	-	0 to +60°C (Derate linearly 2.5% per °C from 41 to 60°C)					
	Storage temp. & Humidity	-	-10 to +85°C					
	MTBF demonstrated	-	>140'000 hours at full load and 25°C ambient temperature					
Dimension	Size(WxHxD) / Weight	mm/g	L170xW85xH44mm/.78kg					

Note: 1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.

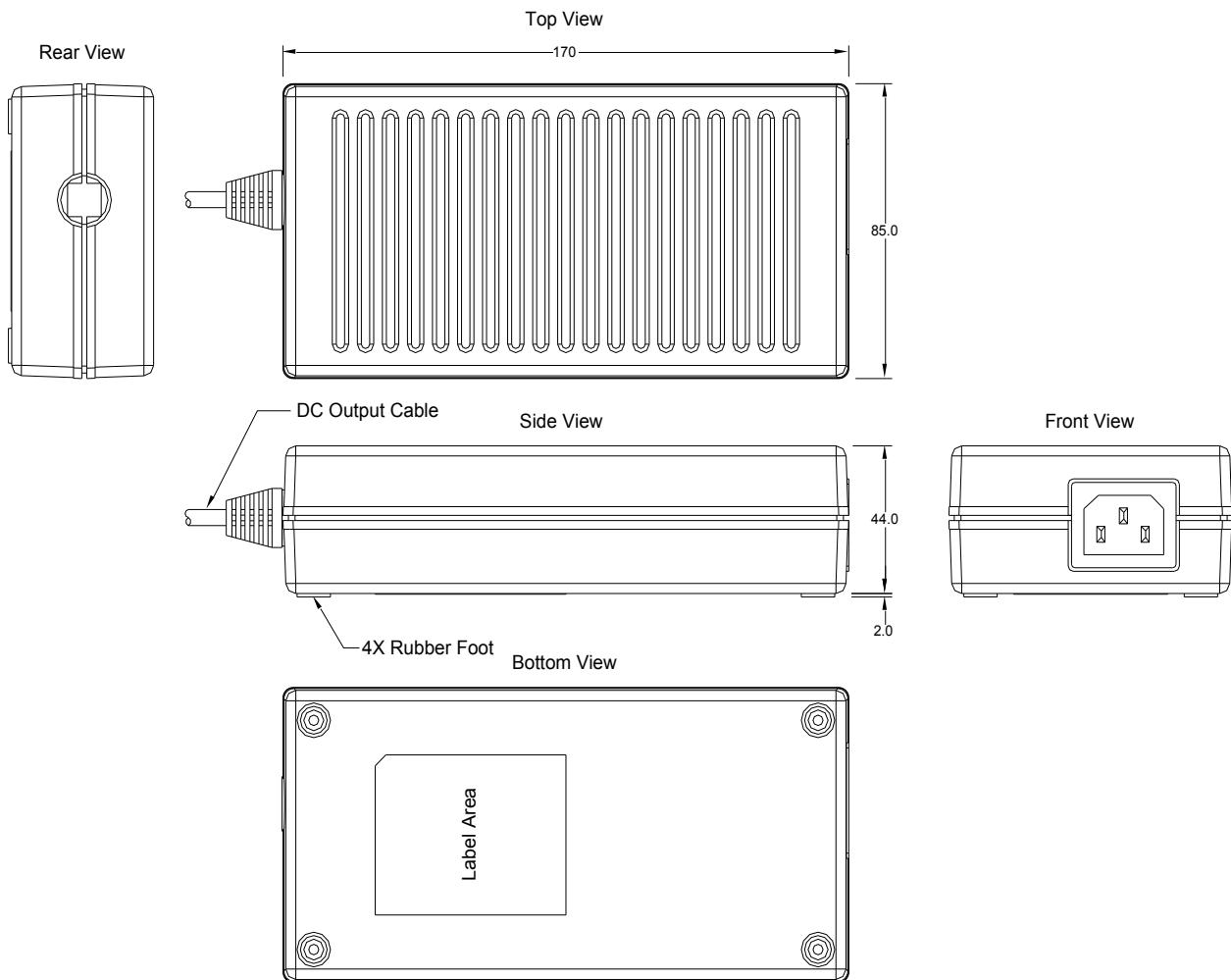


ETA-USA

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MECHANICAL SPECIFICATION(mm) 100W



Note:

1. AC Inlet : IEC320-C14
2. Plastic Case Color : Black
3. Tolerance : $\pm 0.5\text{mm}$
4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1571 # 14 AWG / 1C + SHIELDING, UL 80°C 30V VW-1, 1050 mm. (12-24V)
2. AWM 1185 # 16 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm. (36-48V)
3. Depends on customers requirements.

