

20 WATT

SINGLE OUTPUT SWITCHING ADAPTOR

DTA20-SX-W SERIES



GENERAL SPECIFICATION

This specification describes the performance characteristics of a grounded, single phase, 20 Watts, Single Output Switching Adapter.

1) INPUT

Description	Min.	Nominal	Max.	Condition
Input Voltage	90VAC	115/230V	264VAC	Auto Range; 50/60Hz
Input Current(rms)	1A@264Vac 2A@90Vac			
Line Frequency	47Hz	50/60Hz	63Hz	-
Efficiency	>80% 115VAC at full load (DC Conversion)			
EMI: FCC Class B; CISRP22 Class B; EN 55022 Class B				

2) OUTPUT

2.1) *Voltage Regulation: $\pm 3\%$

***Hold up time:** 10ms typical at full load @ 115VAC

***Current Limit:** $\pm 3\%$

Model Name		Nominal Voltage	Max. Power	Output Current		Ripple & Noise
AC INLET 2PIN	AC INLET 3PIN			MIN.	MAX.	
DTA20-05SX-W-2	DTA20-05SX-W-3	5	20W	0.0A	4.0A	50mv
DTA20-06SX-W-2	DTA20-06SX-W-3	6	20W	0.0A	3.3A	60 mv
DTA20-07SX-W-2	DTA20-07SX-W-3	7	20W	0.0A	2.9A	70mv
DTA20-08SX-W-2	DTA20-08SX-W-3	8	20W	0.0A	2.5A	80mv

NOTE: 1. Peak to Peak with 20MHz bandwidth and 10uF in parallel with a 0.1uF capacitor.

2.CV-Constant Voltage: +5V~+8V/20W

3) PROTECTION:

- **OVER VOLTAGE PROTECTION(OVP)**
- **AC RECYCLE SHORT CIRCUIT PROTECTION**
- **OUTPUT SHORT CIRCUIT PROTECTION(0.03 OHM)**
- **AUTO RECOVERY**

4) ENVIRONMENT

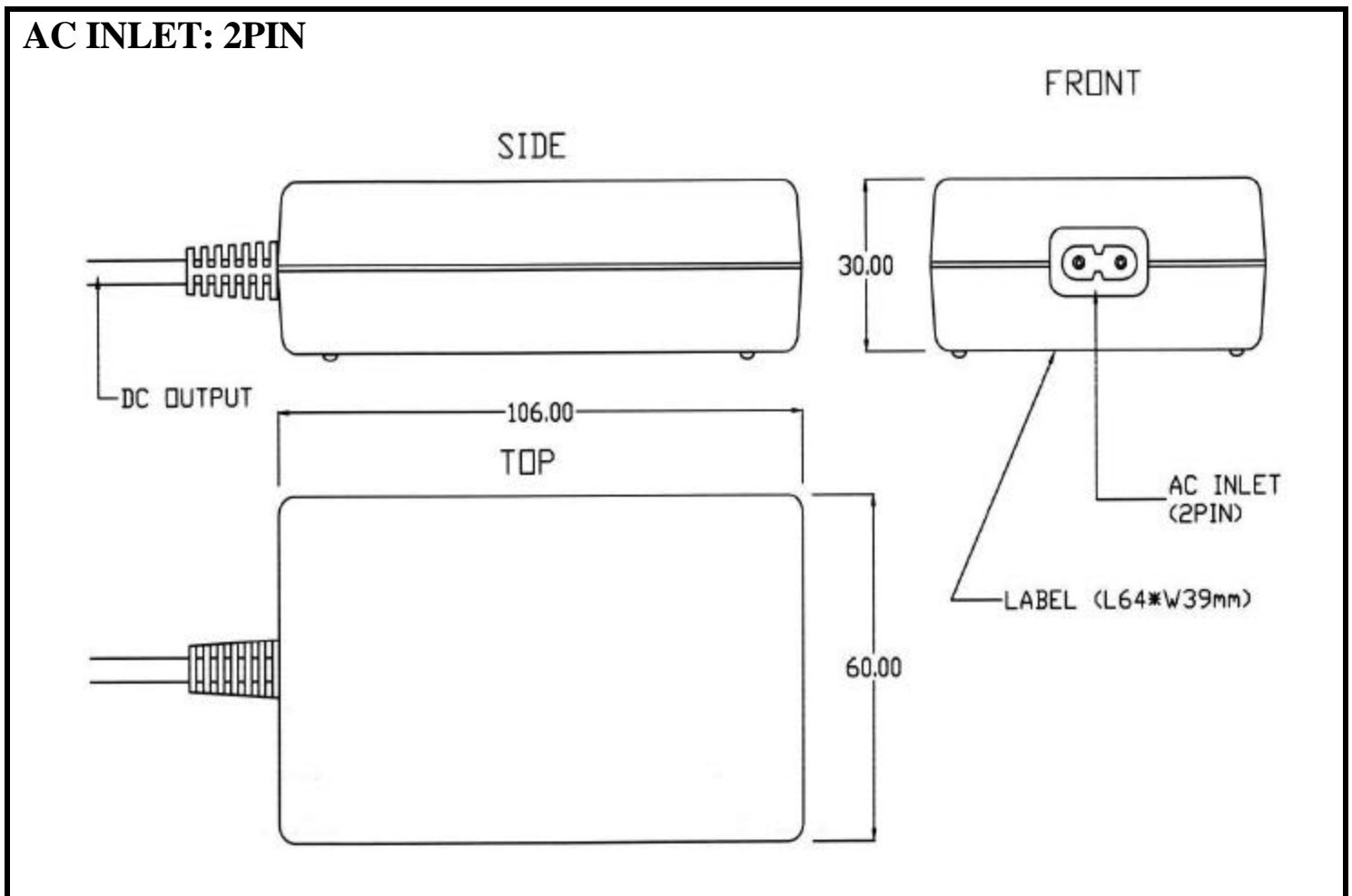
Operating Temperature 0°C to 40°C
Storage Temperature -10°C to +70°C
MTBF: 100'000 hours at full load and 25°C ambient temperature.

5) SAFETY REQUIREMENTS

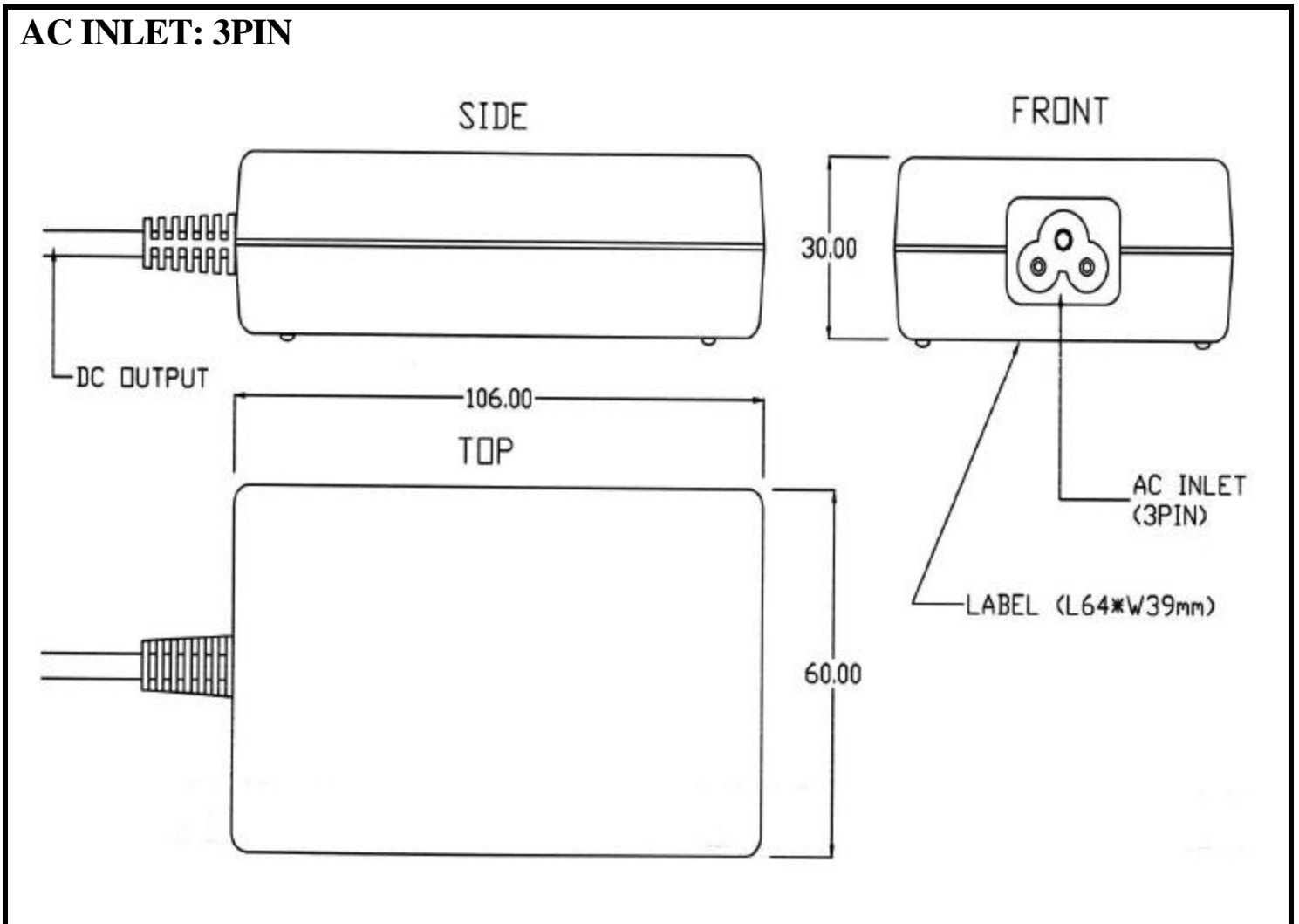
UL 1950
CSA 22.2-234
TUV EN60950
IEC 950
CE: EMC &LVD

6) DIMENTION DIAGRAM

Dimension: 106(L) × 60(W) × 30(H)mm



AC INLET: 3PIN





ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

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