



**GENERAL SPECIFICATION**

This specification describes the performance characteristics of a single phase, 36 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:** ±3%

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

**\*Current Limit:** ±3%

Model Name		Nominal Voltage	Max. Power	Output Current		Ripple & Noise
AC INLET 2PIN	AC INLET 3PIN			MIN.	MAX.	
DTT36-12SX-W-2	DTT36-12SX-W-3	12	36W	0.0A	3.0A	120mv
DTT36-13SX-W-2	DTT36-13SX-W-3	13	36W	0.0A	2.8A	130mv
DTT36-14SX-W-2	DTT36-14SX-W-3	14	36W	0.0A	2.6A	140mv
DTT36-15SX-W-2	DTT36-15SX-W-3	15	36W	0.0A	2.4A	150mv
DTT36-16SX-W-2	DTT36-16SX-W-3	16	36W	0.0A	2.3A	160mv
DTT36-17SX-W-2	DTT36-17SX-W-3	17	36W	0.0A	2.1A	170mv

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

2. CV-Constant Voltage: +9V~+17V/36W

CP-Constant Power: +22~+13.8V/36W

### 3) PROTECTION:

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

### 4) ENVIRONMENT

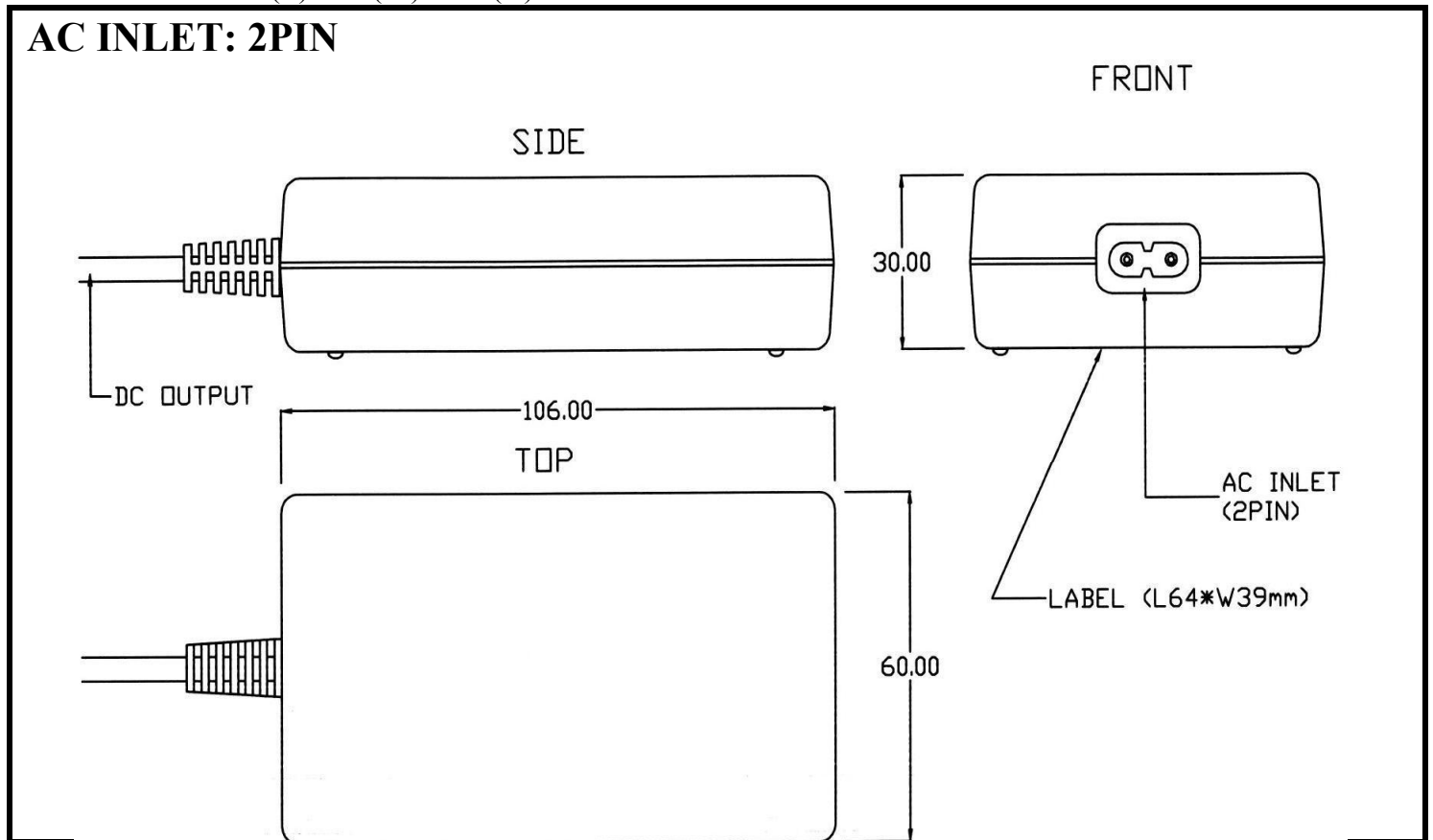
**Operating Temperature**                      0°C to 40°C  
**Storage Temperature**                      -10°C to +70°C  
MTBF: 100'000 hours at full load and 25°C ambient temperature.

### 5) SAFETY REQUIREMENTS

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

### 6) DIMENSION DIAGRAM

Dimension: 106(L) × 60(W) × 30(H)mm



## AC INLET: 3PIN

