

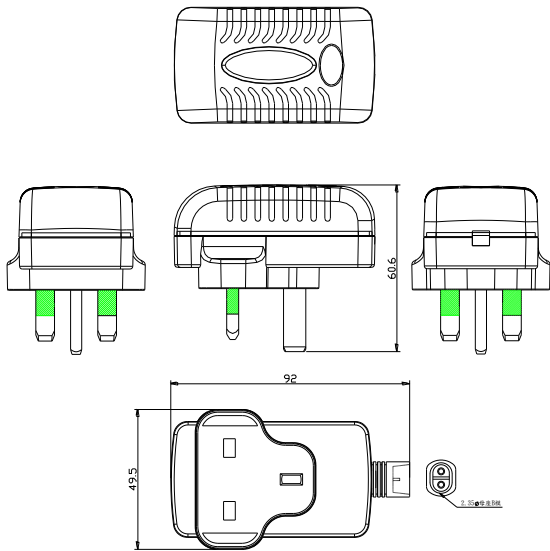
TDC Power Products Co.,Ltd  
Cheng Yen Electronic Co.,Ltd

**SA8B-10.8-12**

INPUT VOLTAGE : 100~240VAC  
OUTPUT VOLTAGE : 12VDC

## SWITCHING POWER SUPPLY SPECIFICATION REV:1-0

**Drawing:**



### ELECTRONICAL SPECIFICATION

INPUT VOLTAGE :	100~240 Vac	INPUT RANGE VOLTAGE	90~264 Vac
INPUT FREQUENCY :	50~60 Hz	INPUT RANGE FREQUENCY	47~63 Hz
INPUT CURRENT :	0.5 Amp. rms. at 100 Vac		
INRUSH CURRENT :	30 Amp. peak at 100 Vac		
	50 Amp. peak at 240 Vac		
		Tested At Max. load	25°C , Cold start
OUTPUT VOLTAGE :	12 V		
REGULATION :	±5 %		
MIN. LOAD CURRENT :	0 A		
MAX. LOAD CURRENT :	0.9 A		
RIPPLE AND NOISE 1 :	120 mVp-p Max. At 100 Vac, 50/60 Hz, Max. load 25°C		
RIPPLE AND NOISE 2 :	120 mVp-p Max. At 240 Vac, 50/60 Hz, Max. load 25°C		
NOISE TEST BANDWIDTH :	20 MHz		

Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND.

LINE REGULATION : INPUT = 100 ~ 240 Vac. output loaded at Max. load.  
REGULATION = ±5 %

TOTAL OUTPUT : 10.8 W

POWER EFFICIENCY : 75.1% Min. at 230 Vac 50/60 Hz. Max. load.

AVERAGE EFFICIENCY: 77.1% Min. at 230 Vac 50/60 Hz.

OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION

TOTAL POWER PROTECTION : 22 W THE STANDBY POWER : 0.1 W max.

OVER VOLTAGE PROTECTION : 15 Vdc Max.

### MECHANICAL SPECIFICATION

DIMENSIONS: 92 (L) \* 49.5 (W) \* 60.6(H)mm (Tolerance as drawing)

WEIGHT: 74 g Max.

OPERATING TEMPERATURE: 0°C To 40°C

STORAGE TEMPERATURE: -20°C To 60°C

RELATIVE TEMPERATURE: 40°C ± 2°C

MTBF: 50,000 hrs to MIL-HDBK-217F Warranty: 2 years

### STANDARD

Safety: EN61558-1, EN61558-2-6, EN61558-2-17 YI capacitor compliant IEC 60384-14. (Brand: success Electronics Co. Ltd success P/N: 5SE222MT402A97E)

EMC: EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3.

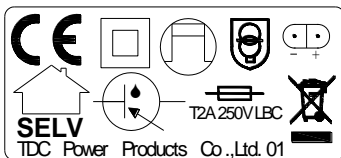
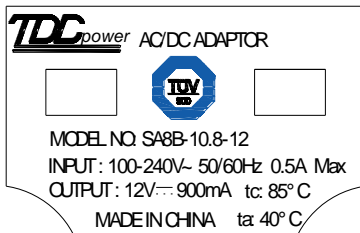
RELATIVE HUMIDITY 85% RH. Non-condensing

Input Cable : PLUG-IN

Output Cable : 2.35 waterproof Female socket

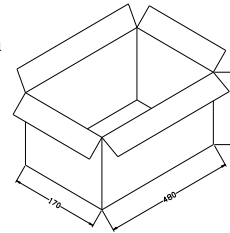
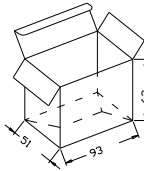
**LABEL:**

SIZE: 38\*24mm



**INNER BOX:**

Material: WEB  
BOX: 93\*51\*63mm



CARTON: 480\*170\*270mm

Material: K=A NoNail

Q'TY 60 PCS

N.W. : 4.44 KGS

G.W. : 6.44 KGS

MEAS: 0.78 CUFT

**PHOTO**

