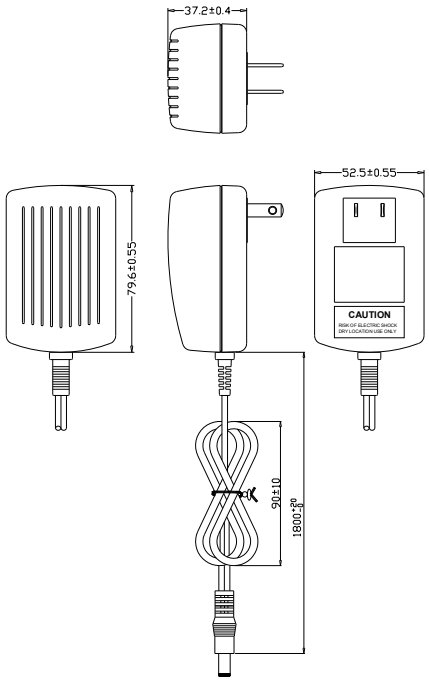
SWITCHING ADAPTER

TDC Power Products Co.,Ltd Cheng Yen Electronic Co.,Ltd	**SA2A-120-1250**	**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 : 0.4 Amp. rms. at 100 Vac
INRUSH CURRENT : 30 Amp. peak at 120 Vac
50 Amp. peak at 240 Vac
Tested At Max. load 25℃ , Cold start
OUTPUT VOLTAGE : 12 V
REGULATION : ± 5 %
MIN. LOAD CURRENT : 0 A
MAX. LOAD CURRENT : 1.25 A
RIPPLE AND NOISE 1 : 120 mVp-p Max. At 100 Vac, 50/60 Hz, Max. load 25℃
RIPPLE AND NOISE 2 : 120 mVp-p Max. At 240 Vac, 50/60 Hz, Max. load 25℃
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 : 15 W
POWER EFFICIENCY : 82.13% Min. at 100~240 Vac 50/60 Hz. Max. load.
AVERAGE EFFICIENCY: 84.13% Min. at 120 Vac 60 Hz.
MEET EFFICIENCY LEVEL : VI
OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION
TOTAL POWER PROTECTION : 32 W THE STANDBY POWER : 0.1 W max.
OVER VOLTAGE PROTECTION : 15 Vdc Max.

MECHANICAL SPECIFICATION

DIMENSIONS: 79.6 (L) * 52.5 (W) * 37.2(H)mm (TOLERANCE AS DRAWING)
WEIGHT: 180 g Max.
OPERATING TEMPERATURE: 0℃ To 40℃
STORAGE TEMPERATURE: -20℃ To 60℃
RELATIVE TEMPERATURE: 40℃ ± 2℃
MTBF: 50,000 hrs to MIL-HDBK-217F Warranty: 2 years

STANDARD

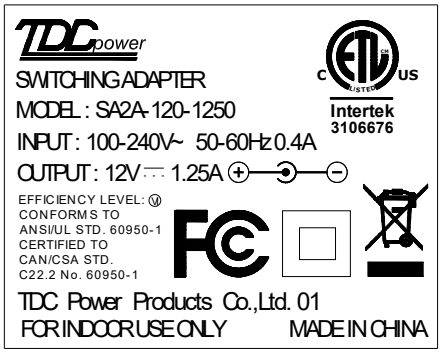
Safty:UL60950. FCC:FCC Part 15
RELATIVE HUMIDITY 85% **RH. Non-condensing**

Input Cable : DIRECT PLUG-IN

Output Cable : 2468 20#*2C 1.8M+ 5.5*2.1*10mm DC Plug

LABEL:

SIZE:33*26.1mm



INNER BOX:

Material: WEB
BOX:108*58*77mm

CARTON:462*320*255mm
Material: K=A No Nail
Q'TY 60 PCS
N.W. : 10.8 KGS
G.W.: 12.8 KGS
MEAS: 1.33 CUFT

photo

Taiwan Office : Room C13 5/F No.210 Sec.3 Ta-Tung Rd., Shi-Chih Chen, Taipei Hsien, Taiwan, R.O.C (World Trade Center C Bldg.)
TEL: 886-2-86473003(Rep) FAX: 886-2-86471811 E-mail: tdc@tdcpower.com.tw