

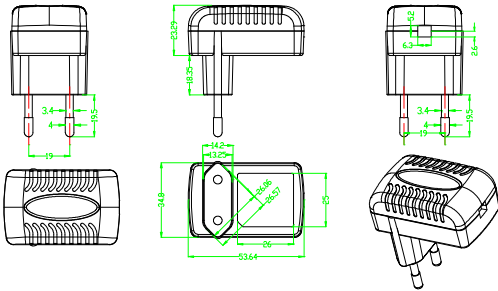
TDC Power Products Co.,Ltd  
Cheng Yen Electronic Co.,Ltd

**SA5E-240-0208FA**

**INPUT VOLTAGE : 100~240VAC**  
**OUTPUT VOLTAGE : 24VDC**

## 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 : 0.25 Amp. rms. at 100 Vac  
 INRUSH CURRENT : 20 Amp. peak at 240 Vac  
 Tested At Max. load 25°C , Cold start

OUTPUT VOLTAGE : 24 V  
 REGULATION : ±5 %  
 MIN. LOAD CURRENT : 0 A  
 MAX. LOAD CURRENT : 0.208 A  
 RIPPLE AND NOISE : 350 mVp-p Max. At 100~240 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 : 5 W  
 POWER EFFICIENCY : 72.3% Min. at 100~240 Vac 50/60 Hz. Max. load.  
 TOTAL INPUT POWER PROTECTION : 11 W      LOW POWER COMSUMPTION : 0.3 W max.  
 OVER CURRENT PROTECTION, SHORT CIRCUIT PROTECTION  
 PROGRAMMABLE CV AND CC REGULATION  
 HIGH PRECISION CONSTANT VOLTAGE AND CURRENT REGULATION

### MECHANICAL SPECIFICATION

DIMENSIONS: 53.7(L) \*34.8 (W) \*23.5(H)mm (Tolerance as drawing)  
 WEIGHT: 40 g Max.  
 WORKING TEMPERATURE: -20°C To 40°C  
 STORAGE TEMPERATURE: 5°C To 80°C  
 RELATIVE HUMIDITY: 10% TO 90%  
 MTBF:MIL-HDBK-217F 100KHrs25°C

Input Cable : DIRECT PLUG-IN

Output Cable :

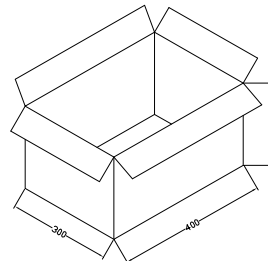
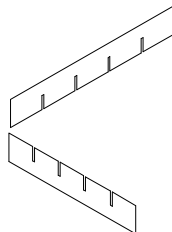
### STANDARD

Safty:EN61558-1,EN61558-2-16,EN60335-1,EN60950,EN60065 ,EN61347-1,EN61347-2-13.

EMC: EN55022/EN55024,EN55013,EN55014-1/EN55014-2,EN62493,EN61547,EN55015

RELATIVE HUMIDITY 85% RH. Non-condensing

### INNER BOX:



**CARTON:400\*300\*320mm**  
**Material:K=A NoNail**  
**Q'TY 100 PCS**  
**N.W. : 4 KGS**  
**G.W.: 6 KGS**  
**MEAS: 1.36 CUFT**

### PHOTO



### LABEL:

SIZE:34.5\*27.5 mm

