

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

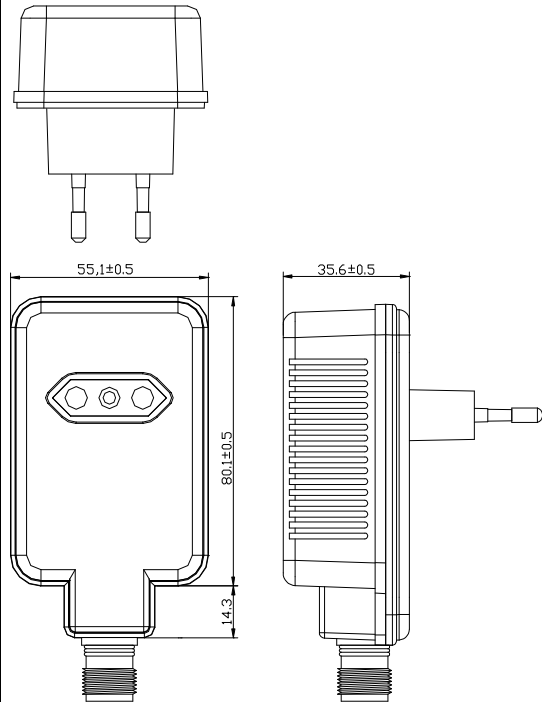
**SA8E-320-0630**

**INPUT VOLTAGE : 220~240VAC**

**OUTPUT VOLTAGE : 32VDC**

## SWITCHING POWER SUPPLY SPECIFICATION REV:1-0

### Drawing:



### ELECTRONICAL SPECIFICATION

INPUT VOLTAGE : 220~240 Vac    INPUT RANGE VOLTAGE 200~264 Vac  
 INPUT FREQUENCY : 50 Hz    INPUT RANGE FREQUENCY 47~53 Hz  
 INPUT CURRENT : 0.3 Amp. rms. at 240 Vac  
 INRUSH CURRENT : 50 Amp. peak at 240 Vac  
 Tested At Max. load 25°C , Cold start

OUTPUT VOLTAGE : 32 V  
 REGULATION : ± 5 %  
 MIN. LOAD CURRENT : 0 A  
 MAX. LOAD CURRENT : 0.63 A  
 RIPPLE AND NOISE : 200 mVp-p Max. At 240 Vac, 50 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 = 220 ~ 240 Vac, output loaded at Max. load.  
 REGULATION = ± 5 %

TOTAL OUTPUT : 20 W  
 POWER EFFICIENCY : 80% Min. at 220~240 Vac 50 Hz, Max. load.  
 THE STANDBY POWER : 0.5 W Max.  
 OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION  
 TOTAL POWER PROTECTION : 40 W  
 OVER VOLTAGE PROTECTION : 36 Vdc Max.

### MECHANICAL SPECIFICATION

Dimensions : 94(L) \* 55.1 (W) \* 35.6(H)mm (Tolerance as drawing)  
 Operating Temperature : 0°C To 40°C  
 Storage Temperature : -15°C To 50°C  
 Relative Temperature : 40°C ± 2°C  
 MTBF: 50,000 hrs to MIL-HDBK-217F    Warranty: 2 years

**Input Cable : DIRECT PLUG-IN**

### STANDARD

Safety: EN61347-1, EN61347-2-13.    EMC: EN61547, EN55015, EN61000-3-2, EN61000-3-3

**Output Cable : 2Pin Φ2.35 waterproof  
 Female socket BK**

**RELATIVE HUMIDITY 85% RH. Non-condensing**

### INNER BOX:

**Material: WEB**

**BOX: 115\*60\*90mm**

**CARTON: 480\*320\*290mm**

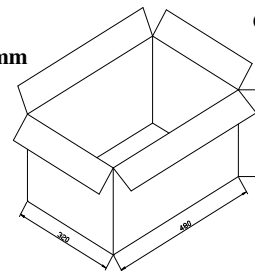
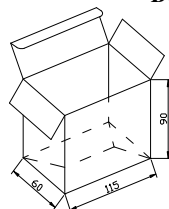
**Material: K=A No Nail**

**QTY: 60 PCS**

**N.W.: 12.3 KGS**

**G.W.: 14.3 KGS**

**MEAS: 1.57 CUFT**



### photo



### LABEL:

SIZE: 34.6\*44.6mm

