

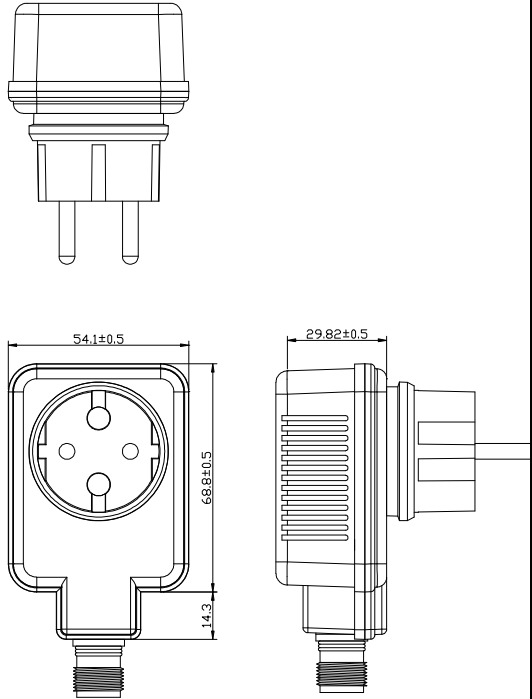
TDC Power Products Co.,Ltd
Cheng Yen Electronic Co.,Ltd

SA8E-240-0500W

INPUT VOLTAGE : 220~240VAC
OUTPUT VOLTAGE : 24VDC

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 : 0.197 Amp. rms. at 240 Vac
 INRUSH CURRENT : 50 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 : 0.5 A
 RIPPLE AND NOISE : 180 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 : 12 W
 POWER EFFICIENCY : 72.3% Min. at 220~240 Vac 50 Hz, Max. load.
 THE STANDBY POWER : 0.3 W Max.
 OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION
 OVER POWER PROTECTION : 28 W Max.
 OVER VOLTAGE PROTECTION : 30 Vdc Max.

MECHANICAL SPECIFICATION

Dimensions : 83.1(L) * 54.1 (W) * 33.2(H)mm (Tolerance as drawing)
 Weight : 155 g Max.
 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

STANDARD

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

Input Cable DIRECT PLUG-IN

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

RELATIVE HUMIDITY 85% RH. Non-condensing

INNER BOX:

Material: WEB

BOX: 110*60*90mm

CARTON: 460*320*290mm

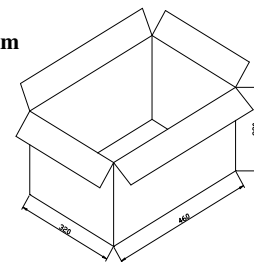
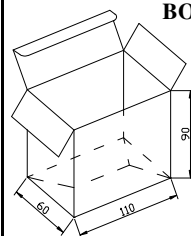
Material:K=A No Nail

Q'TY: 60 PCS

N.W.: 9.3 KGS

G.W.: 11.3 KGS

MEAS: 1.5 CUFT



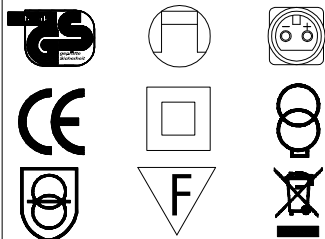
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LABEL:

SIZE:34.6*44.6mm

TDCpower LED Transformer
 MODEL : SA8E-240-0500W
 PRI : 220-240V~ 50Hz 0.197A Max.
 SEC : 24 V --- 0.5A tc.:60°C



TDC Power Products Co.,Ltd. 01
 IP44 ta: 40 °C MADE IN CHINA