

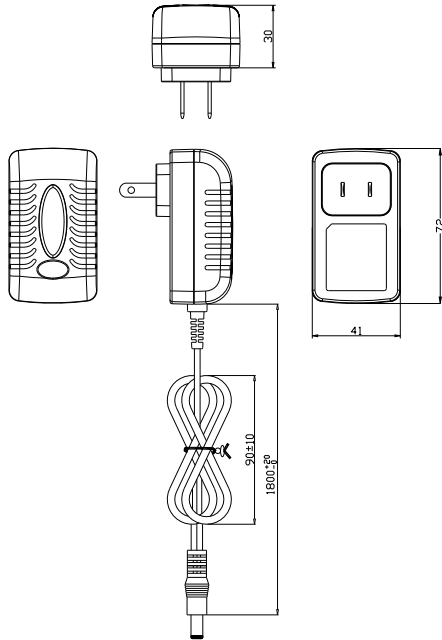
TDC Power Products Co.,Ltd
Cheng Yen Electronic Co.,Ltd

SA8A-120-1000FAS

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 120 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 : 1 A
 RIPPLE AND NOISE 1 : 250 mVp-p Max. At 100 Vac, 50/60 Hz, Max. load 25°C
 RIPPLE AND NOISE 2 : 250 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 : 12 W
 POWER EFFICIENCY : 80.96% Min. at 100~240 Vac 50/60 Hz. Max. load.
 AVERAGE EFFICIENCY: 82.96% Min. at 120 Vac 60 Hz.
 MEET EFFICIENCY LEVEL : VI

OVER CURRENT PROTECTION , SHORT CIRCUIT PROTECTION
 TOTAL POWER PROTECTION : 24 W LOW POWER COMSUMPTION : 0.1 W max.
 OVER VOLTAGE PROTECTION : 15 Vdc Max.

MECHANICAL SPECIFICATION

DIMENSIONS: 72(L) *41 (W) *30(H)mm (Tolerance as drawing)
 WEIGHT: 95 g Max.
 OPERATING TEMPERATURE: 0°C To 40°C
 STORAGE TEMPERATURE: -20°C To 60°C
 RELATIVE TEMPERATURE: 40°C ± 2°C
 MTBF:MIL-HDBK-217F 100KHrs25°C MIN.

Input Cable : DIRECT PLUG-IN

2468 20#2C

Output Cable : 1.8M+5.5*2.1*10mm
DC PLUG

STANDARD

Safty: UL / cUL (UL1310) Rohs 2.0 COMPLIANT
 FCC Part 15 Subpart B

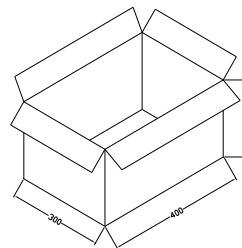
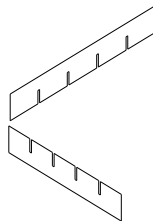
LABEL:

SIZE:30.5*27.5 mm



RELATIVE HUMIDITY 85% RH. Non-condensing

INNER BOX:



CARTON:400*300*320mm
Material:K=A NoNail
Q'TY 100 PCS
N.W. : 9.5 KGS
G.W.: 11.5 KGS
MEAS: 1.35 CUFT

PHOTO

