

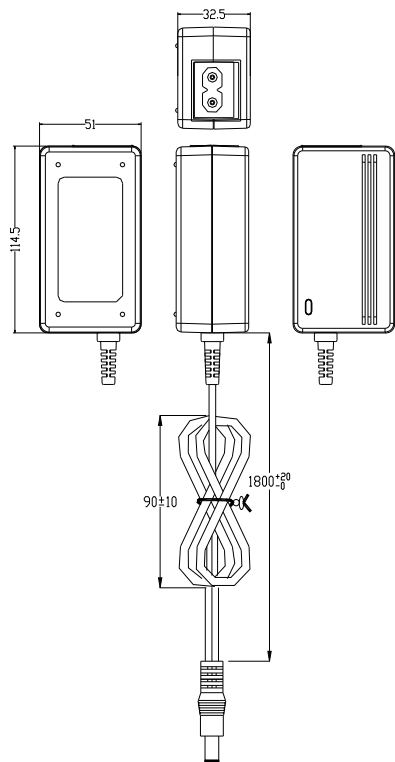
TDC Power Products Co.,Ltd
Cheng Yen Electronic Co.,Ltd

ECU-024-12

INPUT VOLTAGE : 100~240VAC
OUTPUT VOLTAGE : 12VDC

BATTERY CHARGER POWER SUPPLY SPECIFICATION REV:1-2 HD

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 : 0.65 Amp. rms. at 100 Vac
 INRUSH CURRENT : 20 Amp. peak at 120 Vac
 40 Amp. peak at 240 Vac
 Tested At Max. load 25°C , Cold start

NOLOAD OUTPUT VOLTAGE 15 Vdc ± 5 %
 CHARGE CURRENT : 2 A
 TRICKLE CURRENT : 0.3 ~ 0.5 A
 RIPPLE AND NOISE 1 : 100 mVp-p Max. At 100 Vac, 50/60 Hz, Max. load 25°C
 RIPPLE AND NOISE 2 : 100 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 : 24 W
 POWER EFFICIENCY : 82% Min. at 100~240 Vac 50/60 Hz, Max. load.
 OVER CURRENT PROTECTION ,SHORT CIRCUIT PROTECTION
 TOTAL POWER PROTECTION : 40 W 4-3 OVER VOLTAGE PROTECTION : 18 Vdc max.

Dimensions : 114.5 (L) *51 (W) *32.5(H)mm (Tolerance as drawing)
 Weight : 226 g Max.
 Storage Temperature : -15°C To 50°C 6-2 Operating Temperature : 0°C To 40°C
 Relative Temperature : 35°C ± 5°C
 RELATIVE HUMIDITY 85% RH. Non-condensing
 DIELECTRIC WITHSTANDTEST:INPUT TO OUTPUT: 4250 Vac, 3 mA, 1 Min.
 LEAKAGE CURRENT : 200 mA Max 9-1 MTBF : 25000 Hours Min.

Input Cable : 2PIN IEC 320 C8 BK

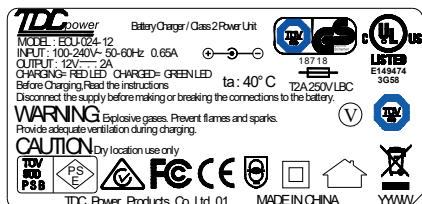
Output Cable : SPT-1#18/2C 105°C
*1.8M +5.5*2.1*10mm
DC Plug BK

CHARGING WAY : Charging → Full Charged

Safty:EN61558-1 EN60335-2-29 EMC:EN55022,EN55024,EN61000-3-2,EN61000-3-3.

LABEL:

SIZE:79.5*38mm

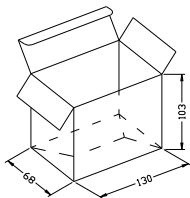


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Kanda-Ogawamachi,Chiyoda-ku, Tokyo 101-0052 Japan)

RELATIVE HUMIDITY 85% RH. Non-condensing

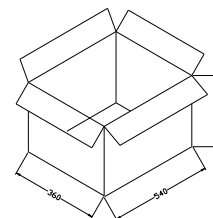
Material:

130*68*103mm



CARTON:

K=A No Nail
 540*360*225mm
 Q'TY 40 PCS
 N.W.: 9 KGS
 G.W.: 11 KGS
 MEAS: 1.54 CUFT



LED INDICATORS :

Battery	NO Load	Charging	Full charged
LED			
Green (Power on)	ON	OFF	ON
Red (Power on)	OFF	ON	OFF

