

SPECIFICATION

BRAND : LEMANIA ENERGY

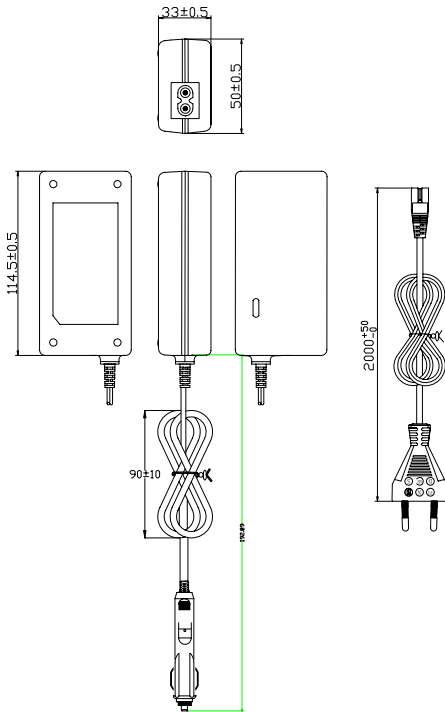
DESCRIPTION: BATTERY CHARGER / CLASS 2 POWER UNIT

MODEL NO. : LESA-12

LESA-12

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

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 14.2-14.8 Vdc
 FULL LOOD OUTPUT VOLTAGE: 12 Vdc at 2A use 12V Lead-Acid Battery.
 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

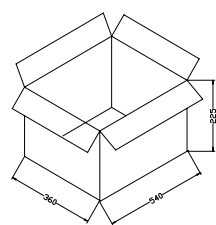
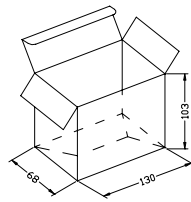
RELATIVE HUMIDITY 85% RH. Non-condensing
 DIELECTRIC WITHSTANDTEST:INPUT TO OUTPUT: 4250 Vac, 3 mA, 1 Min.
 LEAKAGE CURRENT : 200 mA Max 9-1 MTBF : 25000 Hours Min.
 BURN IN : 4 Hours, 40°C ,Max. Load, 120Vac, 50Hz
 CHARGING WAY : Charging → Full Charged

Input Cable : 2PIN IEC 320 C8+IEC-320-C7
 VDE H05VVH2-F 2*0.75mm² 2M
 Euro 2 round pin plug BK
Output Cable : VDE H05VVH2-F
 2*0.75mm² *1.8M +DC
 Plug BK

LABEL: SIZE:79.5*38mm

RELATIVE HUMIDITY 85% RH. Non-condensing

Material:
 BOX:130*68*103mm
 CARTON:
 K=A No Nail
 540*360*225mm
 Q'TY 40 PCS
 N.W. : 9.0 KGS
 G.W.: 10.4 KGS
 MEAS: 1.54 CUFT



Battery Charger / Class 2 Power Unit
 MODEL : LESA-12
 INPUT : 100-240V~50-60Hz 0.65A
 OUTPUT : 12V---2A
 CHARGING=RED LED CHARGED=GREEN LED
 Before Charging,Read the instructions
 Disconnect the supply before making or breaking the connections to the battery.
 ta : 40°C
 T2A 250V LBC
 LISTED E149474 3G58
WARNING: Explosive gases. Prevent flames and sparks.
 Provide adequate ventilation during charging.
CAUTION Dry location use only

LED INDICATORS :

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