

**PART NUMBER:** EMT150200-P5P-KH

**DESCRIPTION:** switching power supply base unit for use with interchangeable input blades or ac power cord


## INPUT

|                           |                  |
|---------------------------|------------------|
| rated input voltage       | 100 V ~ 240 V ac |
| input voltage range       | 90 V ~ 264 V ac  |
| rated frequency           | 50~60 Hz         |
| frequency range           | 47~63 Hz         |
| rated input current       | 800 mA max.      |
| inrush current            | 50 A max.        |
| no load power consumption | 0.5 W max.       |

## OUTPUT

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| output voltage           | 15 V dc at 2 A                                                                            |
| output min. current      | 0 A                                                                                       |
| line regulation          | 2% max.                                                                                   |
| load regulation          | ± 5%                                                                                      |
| over current protection  | auto recovery                                                                             |
| short circuit protection | auto recovery                                                                             |
| ripple voltage           | 150 mV max. (at 20 MHz bandwidth with 22µF/50V capacitance and 104/50V ceramic capacitor) |
| efficiency               | meets Energy Star / CEC Level IV                                                          |

## SAFETY & EMI

|                       |                                                                                       |                                 |
|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| HI-POT                | input to output                                                                       | 3000 V ac at 4 mA for 2 seconds |
|                       | input to case                                                                         | 3000 V ac at 4 mA for 2 seconds |
| insulation resistance | input to output                                                                       | 50 MΩ at 500 V dc               |
| safety approvals      | UL60950-1 (First Edition), CAN/CSA-C22.2 No.950.95, IEC60950-1:2001, EN60950-1:2001   |                                 |
| EMI standard          | FCC part 15 class B, EN55022 (EN61000-3-2, 3), EN55024 (IEC61000-4-2, 3, 4, 6, 8, 11) |                                 |
| RoHS compliant        | yes                                                                                   |                                 |

## ENVIRONMENTAL

|                       |                |
|-----------------------|----------------|
| storage temperature   | -20°C ~ +70° C |
| operating temperature | 0°C ~ +40° C   |
| storage humidity      | 10~95%         |
| operating humidity    | 10~95%         |

## RELIABILITY

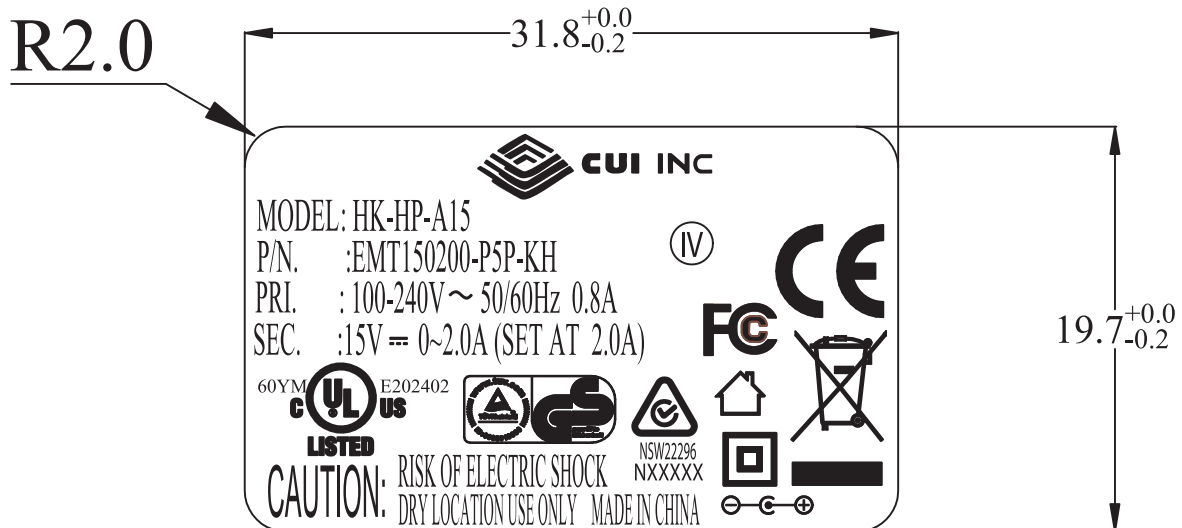
|                                 |                              |
|---------------------------------|------------------------------|
| mean time before failure (MTBF) | MTBF of 50,000 hours at 25°C |
| burn-in test                    | 2 hours at 40°C at full load |

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## LABEL

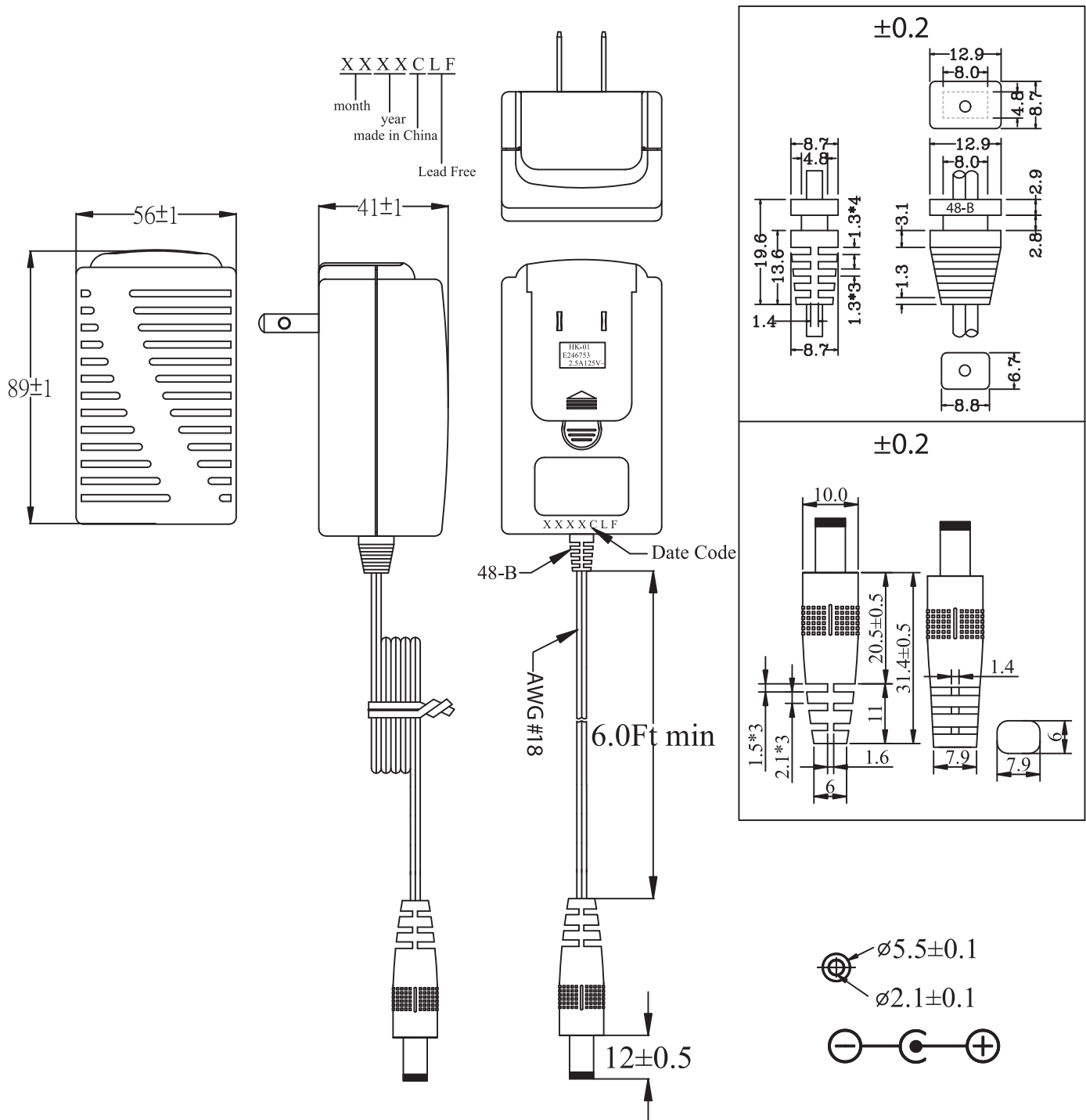
0.2mm NAME-PLATE:SILVER CHARACTERS BLACK BACKGROUND.





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# MECHANICAL DRAWING



note: US blade (EMT-US) shown in drawing. Sold separately.

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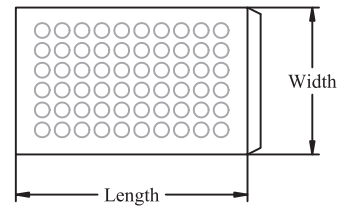
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## INDIVIDUAL PACKAGING

BUBBLE BAG

Length : 160

Width : 150

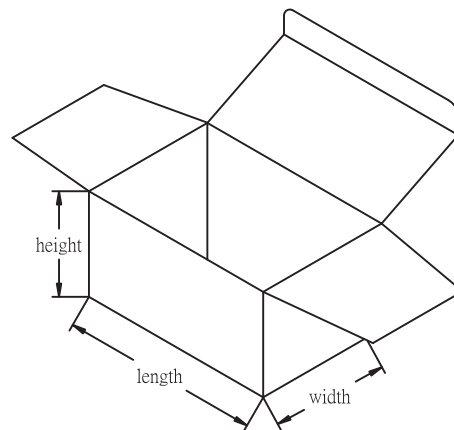


BOX

Length:145

Width:75

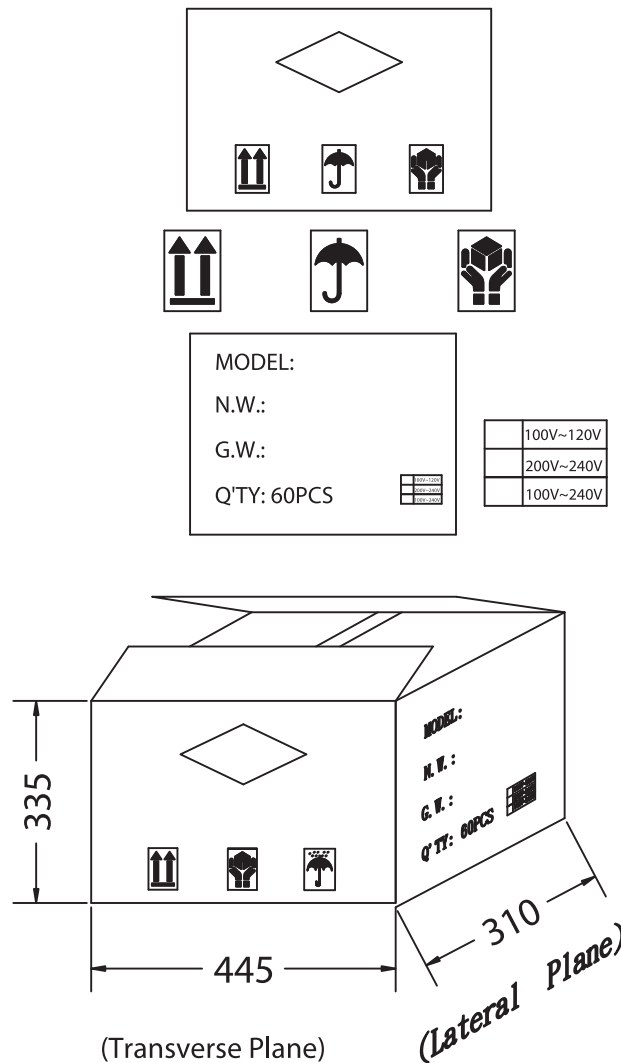
Height:65



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## PACKAGING



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**ACCESSORIES (SOLD SEPARATELY)**

EMT-US (SOLD SEPARATELY)



EMT-AUS (SOLD SEPARATELY)



EMT-EU (SOLD SEPARATELY)



EMT-UK (SOLD SEPARATELY)



EMT-AC (SOLD SEPARATELY)

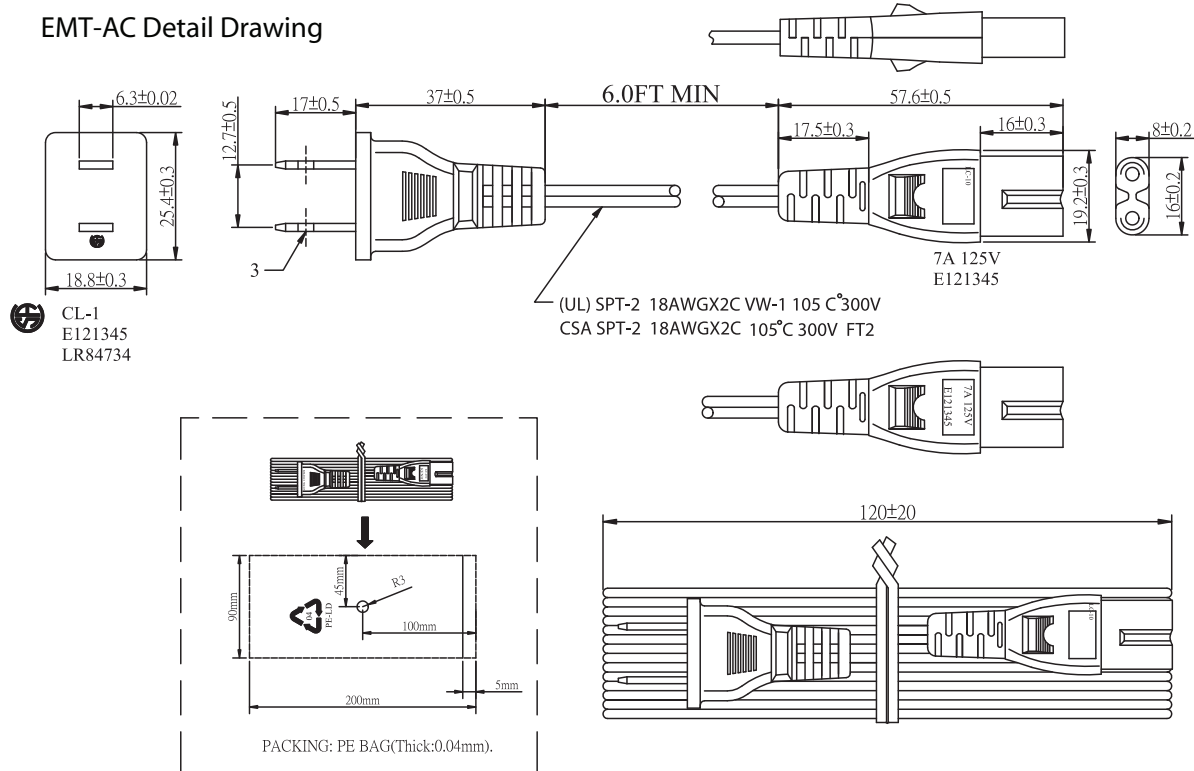


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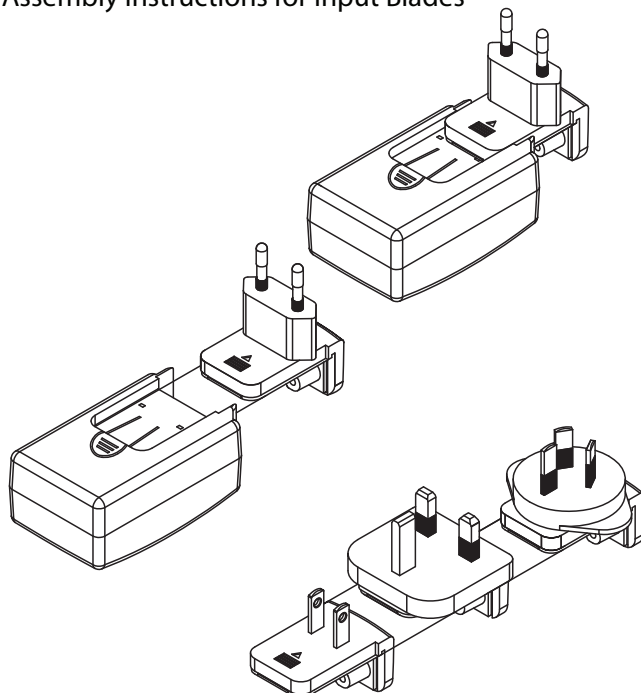
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## ACCESSORIES (SOLD SEPARATELY)

EMT-AC Detail Drawing



## Assembly Instructions for Input Blades



## WARNING!

Please do not insert the blade only.

