

Features

Universal Input 90-264VAC

Approved to UKCA, cULus, TUV, CE, RoHS

IEC/EN 62368-1 Safety Approved

Meets Efficiency Level VI

FCC Class B Certified

Single Output 5~24V DC

OVP, OCP, OTP, SCP

QR
Code

Ideal Power Will Do This

25HK-AP-xAz-USBA-3A Series

6W Interchangeable AC/DC Plugtop Adapter Power Supply



The 25HK-AP-xAz-CP-3A Series is a reliable and efficient 6W Interchangeable AC/DC Plugtop Adapter Power Supply. Designed for use in applications such as telecoms, computing and multimedia systems. This series is supplied with a Interchangeable input connection and supports input voltages of 100~240V AC 47~63Hz.

Models

| Model | Voltage (V) | Output Current (A) | Power (W) | Efficiency Typ.(%) |
|-----------------------|----------------|--------------------------|--------------|-----------------------|
| 25HK-AP-050A120-CP-3A | 5 V DC | 1.2A | 6W | 75 |
| 25HK-AP-090A067-CP-3A | 9 V DC | 0.67A | 6W | 78.91 |
| 25HK-AP-120A050-CP-3A | 12 V DC | 0.50A | 6W | 78.88 |
| 25HK-AP-150A040-CP-3A | 15 V DC | 0.40A | 6W | 78.88 |
| 25HK-AP-240A025-CP-3A | 24 V DC | 0.25A | 6W | 78.88 |

General Specifications

| | |
|-------------------------|--|
| Type | Switched Mode Power Supply |
| Plug Type | Australia, European Plug, UK, US |
| Output Connector | 2.1mm x 5.5mm x 12mm Centre Positive |
| Input Connector | Universal Plug |
| Number Of Outputs | 1 |
| Regulated/Unregulated | Regulated |
| Efficiency | Up to 78.88 |
| Energy Efficiency Level | VI |
| Applications | Peripheral equipment, Networking equipment, Portable equipment, Telecommunications equipment |

Output Data

| | |
|---------------------------|--|
| Output Voltage | 5 ~24 V DC |
| Input Voltage Range | 100 ~ 240V AC $\pm 10\%$ |
| Output Regulation | 4.75-5.25V |
| Power Rating | 6W |
| Load Regulation | $\pm 5\%$ |
| Dielectric Withstand | AC 3000 Vrms ,4mA,1minute for type test, 2 second for production test |
| Input Frequency | 47H - 63Hz |
| Hold-up time | 10ms Min at 110VAC full load |
| Inrush Current | 60A Max |
| No Load Power Consumption | 0.1W Max |
| Ripple and Noise | 300mV Max @20MHz bandwidth with 10UF/50V capacitance and 104/50V ceramic capacitor |
| MTBF | 50,000 hours at 25 centigrade degrees |
| Line Regulation | $\pm 2\%$ maximum |
| Short Circuit | Yes |

Mechanical Specifications

| | |
|--------------|--------------------|
| Cable Length | 6ft Minimum AWG#22 |
| Width | 38mm |
| Length | 64.5mm |
| Depth | 34.8mm |

Operation Environment Specifications

| | |
|-----------------------|---------------|
| Operation Temperature | 0°C ~ 40°C |
| Storage Temperature | -20°C ~ +70°C |
| Humidity | 10% ~ 95% |

Approvals

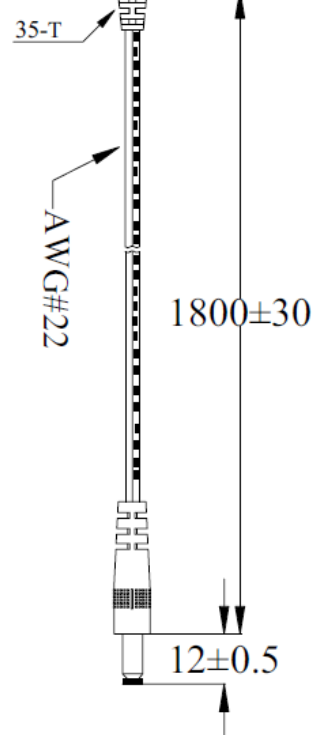
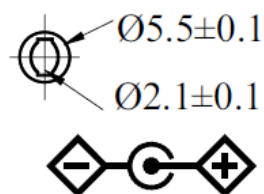
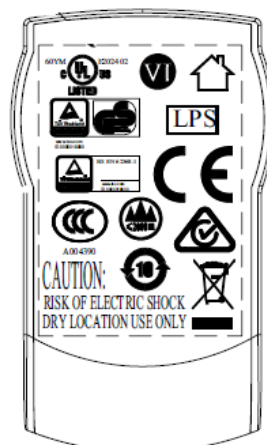
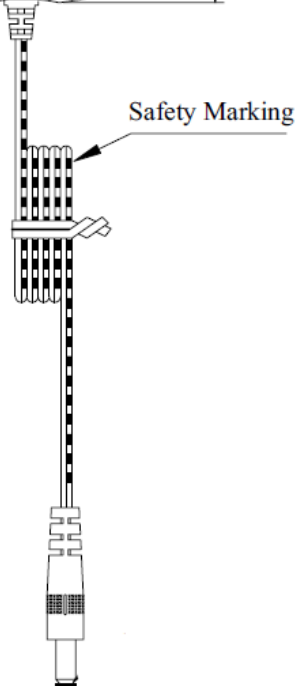
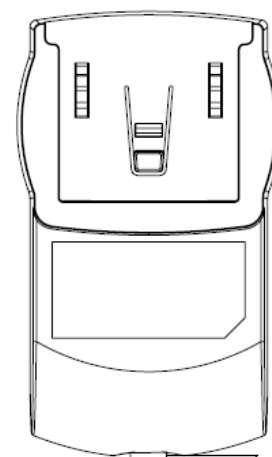
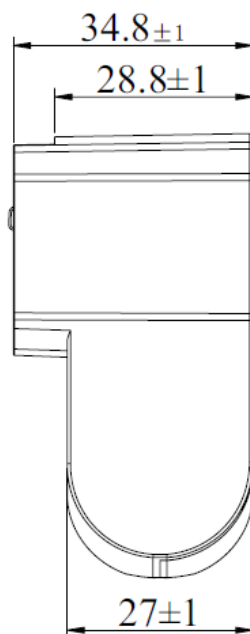
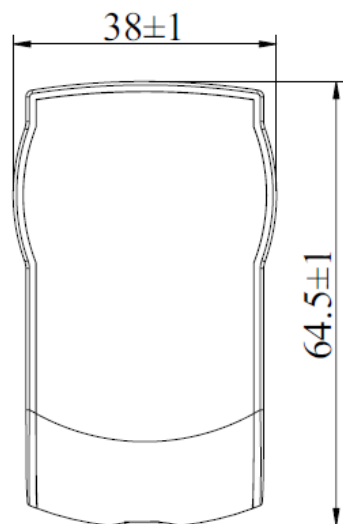
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|---------------------------|---|
| Standards Met | FCC PART 15 Class B AS/NZS CISPR 32: 2015 EN 55032: 2015, Class B CISPR 32: 2012 (Ed 2.0) EN 61000-3-2: 2014 EN 61000-3-3: 2013 IEC 61000-4-2: 2008 IEC 61000-4-3: 2006 +A1: 2007 +A2: 2010 IEC 61000-4-4: 2012 IEC 61000-4-5: 2014 IEC 61000-4-6: 2013 IEC 61000-4-8: 2009 IEC 61000-4-11: 2004 +A1: 2017 |
| Compliance/Certifications | UKCA, CE, TUV-GS, cULus, RCM (C-Tick), RoHS |

Mechanical Drawing

OVERALL DRAWING

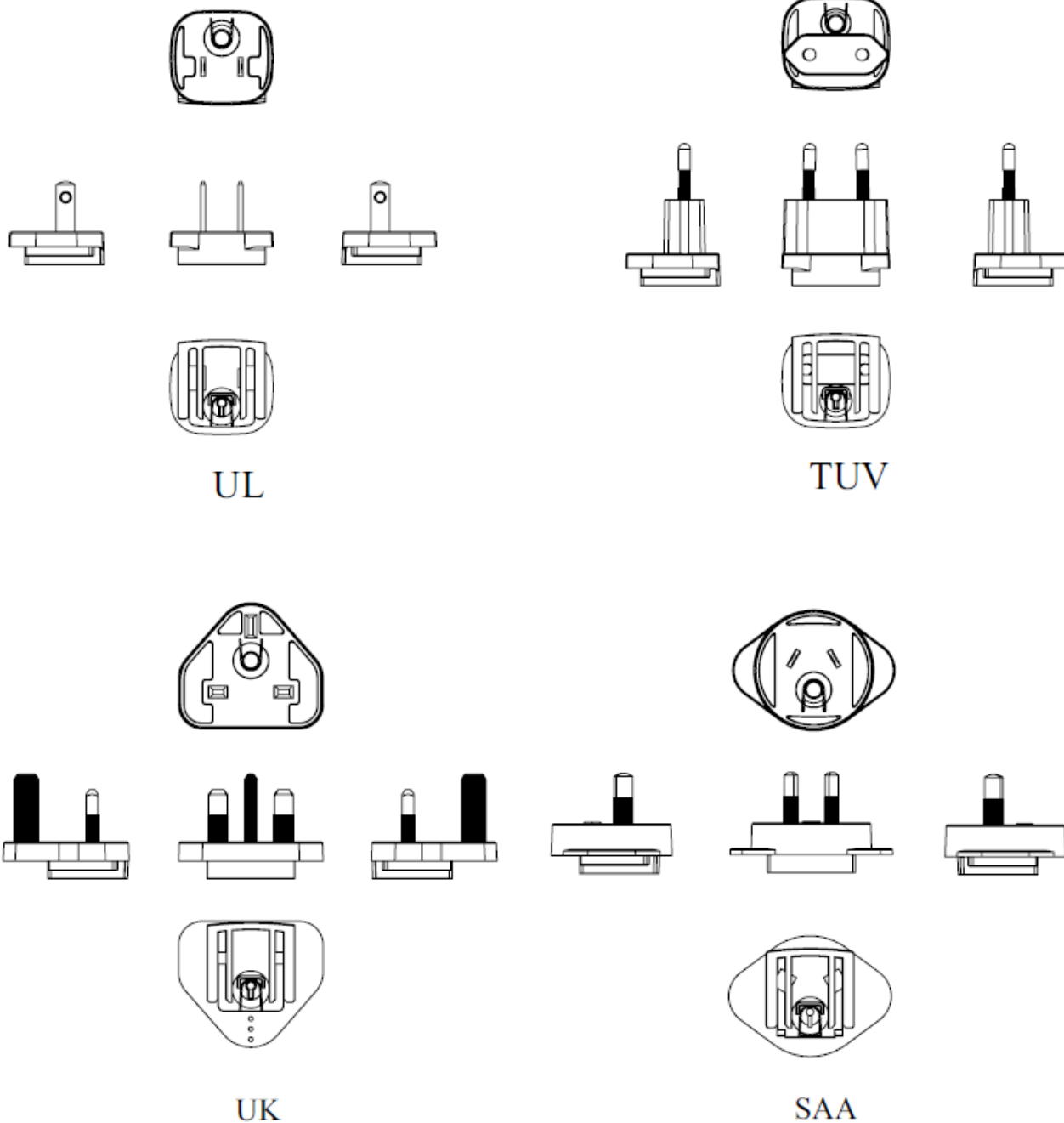
UNIT: mm

COLOR: BLACK



Mechanical Drawing (continued)

UNIT: mm



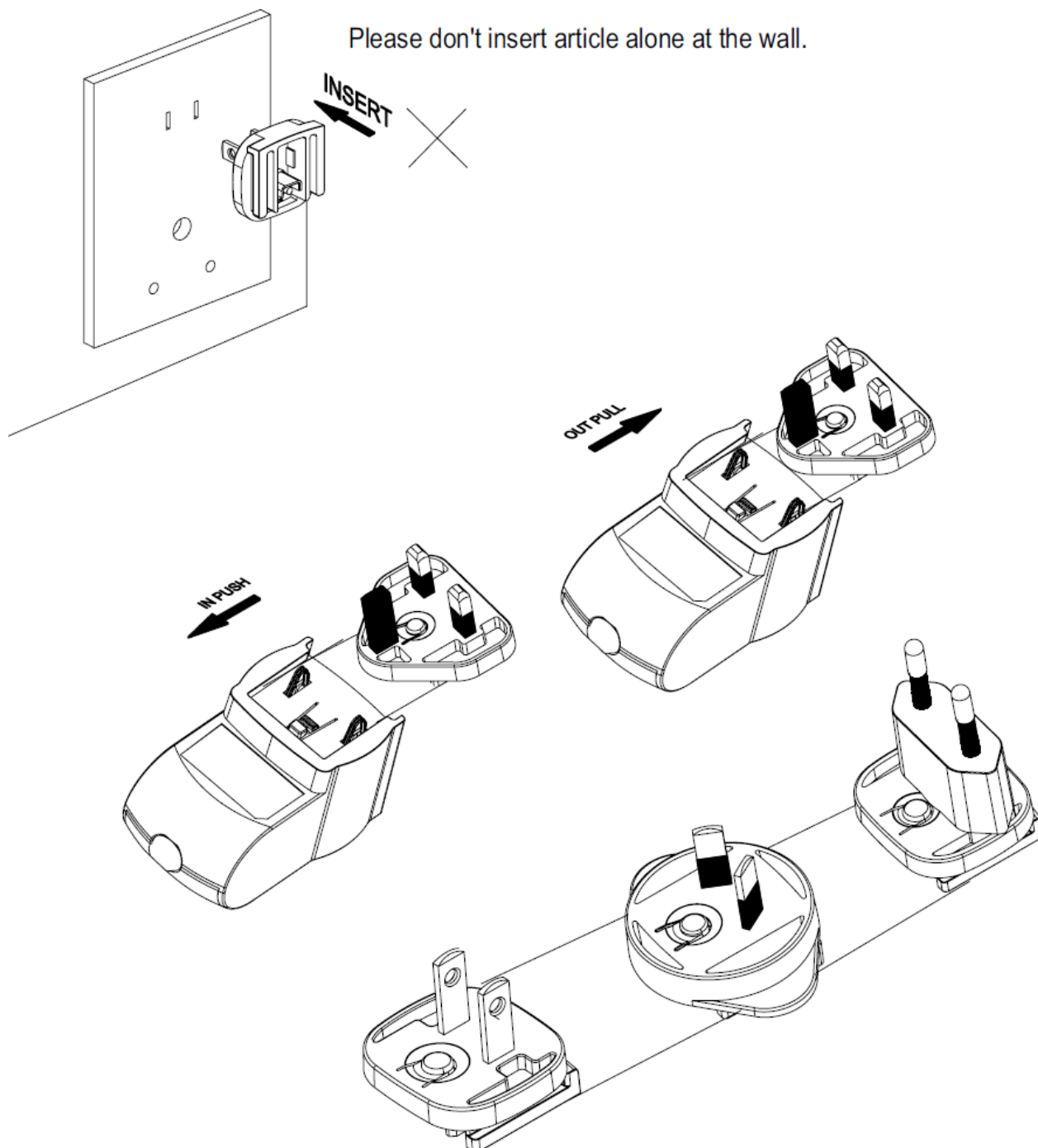
Mechanical Drawing (Continued)

USE SPECIFICATION

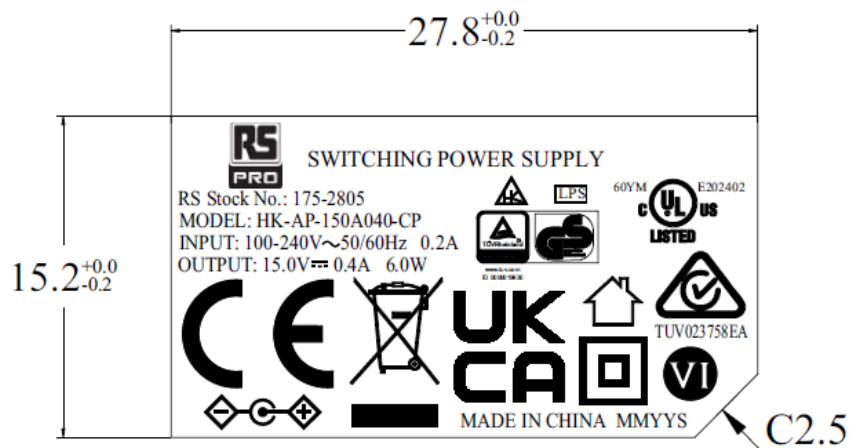
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WARNING!

Please don't insert article alone at the wall.



Typical Labels



18.1 Inner Box

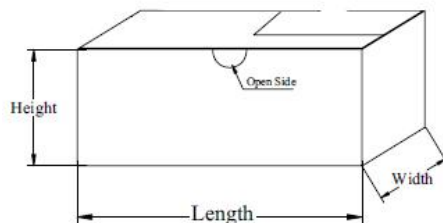
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☒ BOX(☒ Normal BOX ☐ Corrugated BOX)

Length: 82

Width: 85

Height: 55



NOTICE:

It's probably different from the white box of the sample and the figure dimension.
 The white box is used to pack during product.

Packaging (continued)

Carton

UNIT: mm

