AC – DC

Features

- Universal input 100-240VAC
- Approved to UKCA, CE, cULus, TUV, RCM (C-Tick), RoHS
- EN/IEC 62368-1 Safety Approved
- Meets Efficiency Level VI
- FCC Class B Certified
- Single Output 5-24V DC
- OVP, OCP, OTP, SCP



Ideal Power's 25HK-AB-xAz-CP6-3A 20W AC/DC External Adapter Interchangeable Power Supply (PSU) Series are certified to UKCA, CE, cULus, TUV, RCM (C-Tick), RoHS, REACH & EN 62368-1/IEC 62368-1/UL 62368-1 Standards and comply with (EU) 2019/1782, Level VI Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

Models

Model Number	Output Voltage (V dc)	Output Current (A)	Output Power (W)	Efficiency (%)
25HK-AB-050A400-CP6-3A	5	4	20	83.3

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	83.08%
Energy Efficiency Level	VI
Applications	Peripheral equipment, Networking equipment, Portable equipment, Telecommunications equipment

Output Data

Output Voltage	5 V DC
Input Voltage Range	100 ~ 240V AC ±10%
Output Regulation	4.75-2.25V
Power Rating	20W
Load Regulation	±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	50 ~ 60A Max Depending on model
No Load Power Consumption	0.1W Max
Ripple and Noise	240mV Max @20MHz bandwidth with 10UF/50V capacitance and 104/50V ceramic capacitor
MTBF	100,000 hours at 25 centigrade degrees
Line Regulation	±2% maximum
Short Circuit	Yes

Mechanical Specifications

Cable Length	6ft Minimum
Width	101mm
Length	52mm
Depth	36mm

Operation Environment Specifications

Maximum Temperature	40°C
Minimum Temperature	0°C
Humidity	10% ~ 95%

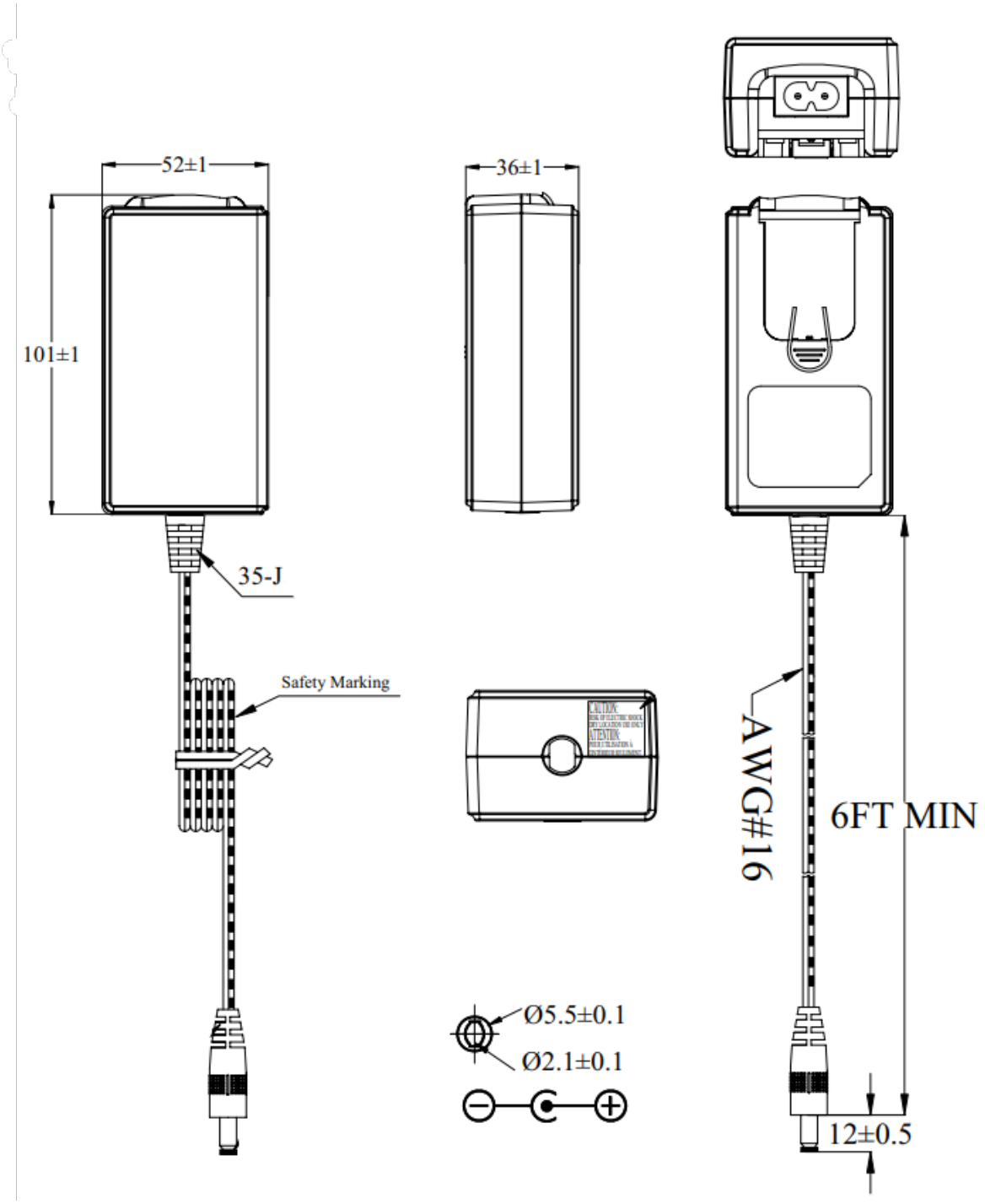
Approvals

Standards Met	AS/NZS 60950.1, BS EN 60950-1, CB, CE, CSA C22.2 No. 60950-1-07, cUL, EN 60950-1, ErP III (Level VI) Efficiency Compliant, FCC, J60950-1, SAA, TUV, UL, UL 60950-1
Compliance/Certifications	UKCA, cULus, TUV, CB, PSE, C-Tick, CE, REACH & RoHS

Mechanical Drawing

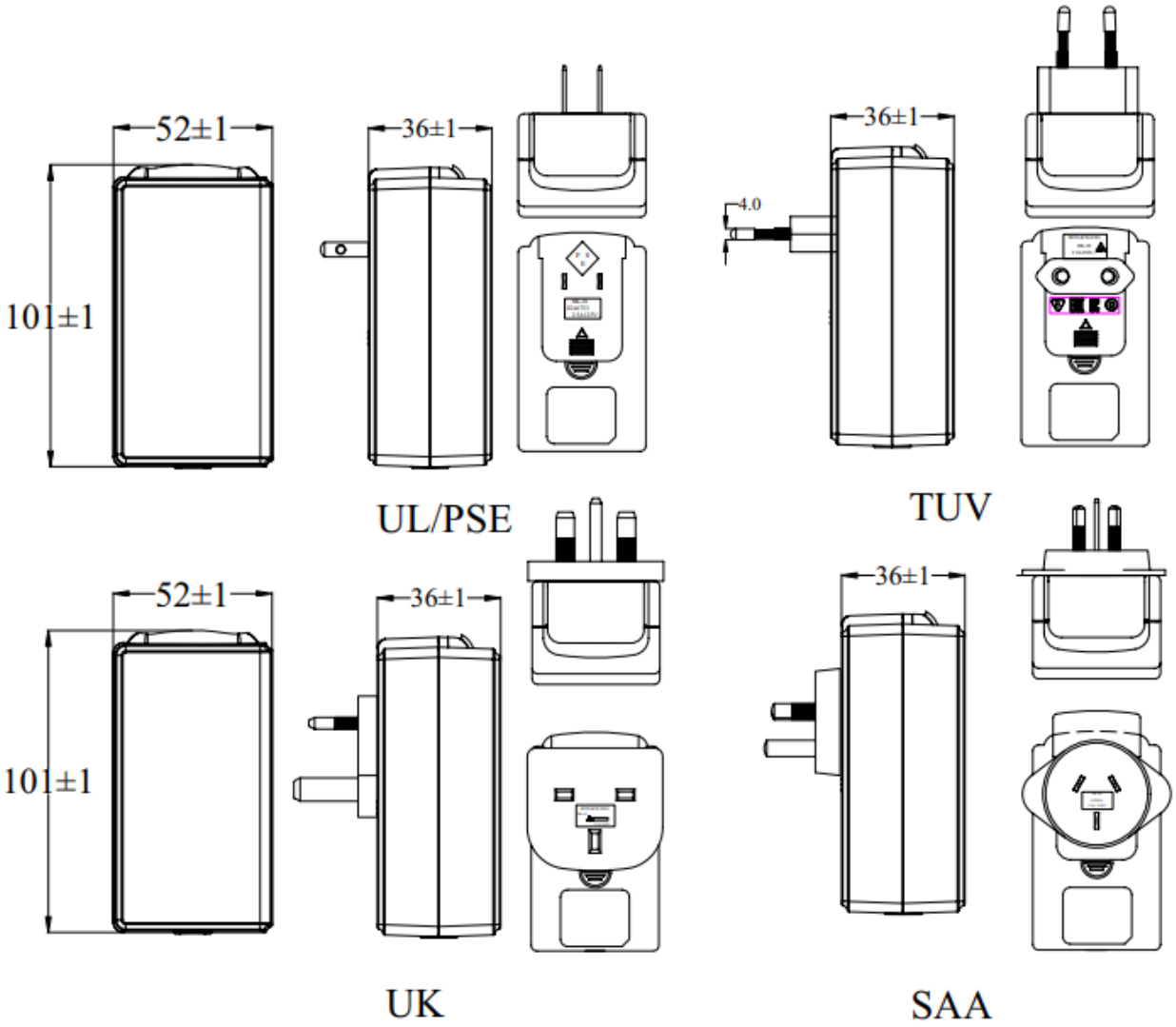


Mechanical Drawing (continued)

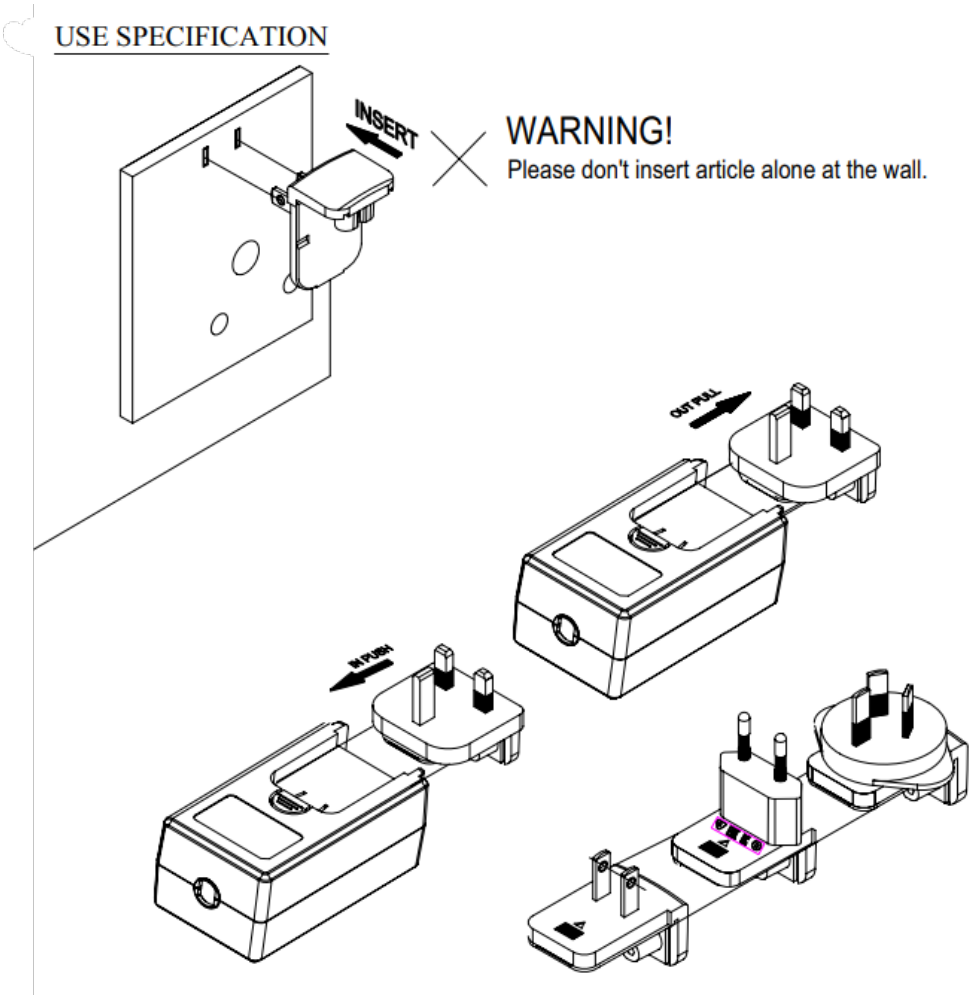


Mechanical Drawing (Continued)

UNIT: mm



Mechanical Drawing (Continued)



AC – DC

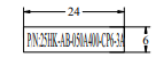
Packaging

17.1 Inner Box
UNIT: mm

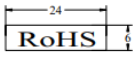
BOX(■ Normal BOX □ Corrugated BOX)

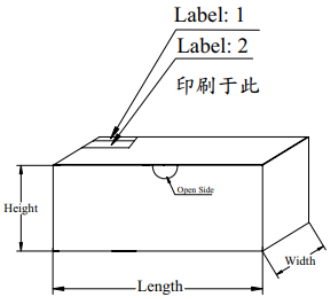
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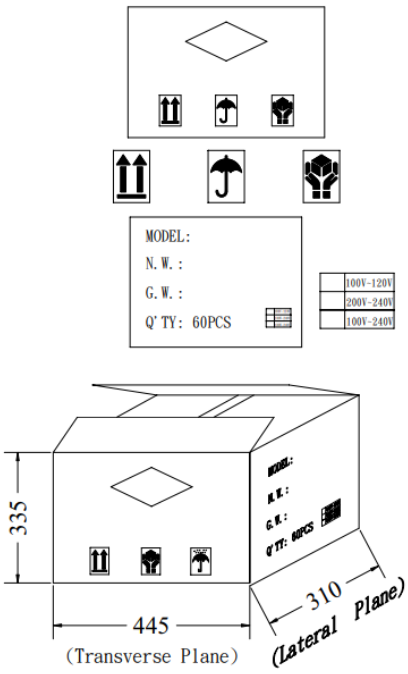
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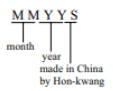
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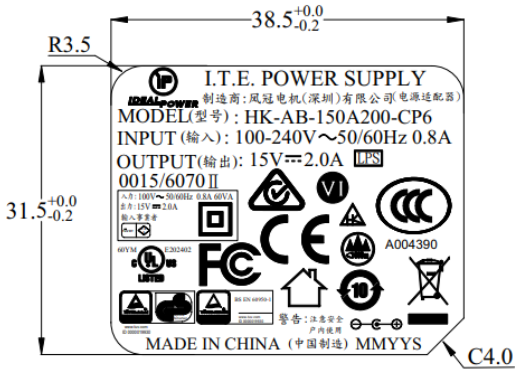
Carton
UNIT: mm



Labels

UNIT: mm





CASE上
NAME-PLATE: BLACK CHARACTERS WHITE BACKGROUND.

