

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 & Short Circuit



Ideal Power's 25HK-AB-xAz-CP6-RS 30W AC/DC External Adapter Interchangeable Power Supply (PSU) Series are certified to UKCA, CE, cULus, TUV, RCM (C-Tick), RoHS & 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	RS Part Number	Output Voltage	Output Current	Output Power	Efficiency %
25HK-AB-050A400-CP6-RS	144-0954	5V DC	4A	20W	83.3
25HK-AB-120A250-CP6-RS	144-0955	12V DC	2.5A	30W	86.95
25HK-AB-150A200-CP6-RS	144-0956	15V DC	2A	30W	86.95
25HK-AB-240A125-CP6-RS	144-0957	24V DC	1.25A	30W	86.95

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 ~ 86.95%
Energy Efficiency Level	VI
Applications	Peripheral equipment, Networking equipment, Portable equipment, Telecommunications equipment

Output Data

Output Voltage	5 ~ 24V DC Depending on model
Input Voltage	100V ac, 110V ac, 115V ac, 120Vac, 127V ac, 220Vac, 230V ac, 240V ac
Output Current	1.25 ~ 2.5A Depending on model
Power Rating	20 ~ 30W Depending on model
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, nom. conditions	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
MTBF	100,000 hours at 25 centigrade degrees
Line Regulation	±2% maximum
Short Circuit	Yes

Mechanical Specifications

Cable Length	6(Minimum)ft
Width	101mm
Length	52mm
Depth	36mm
Humidity	10% ~ 95%

Operation Environment Specifications

Maximum Temperature	40°C
Minimum Temperature	0°C

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, CE, cULus, TUV, RCM (C-Tick), RoHS

Mechanical Drawing

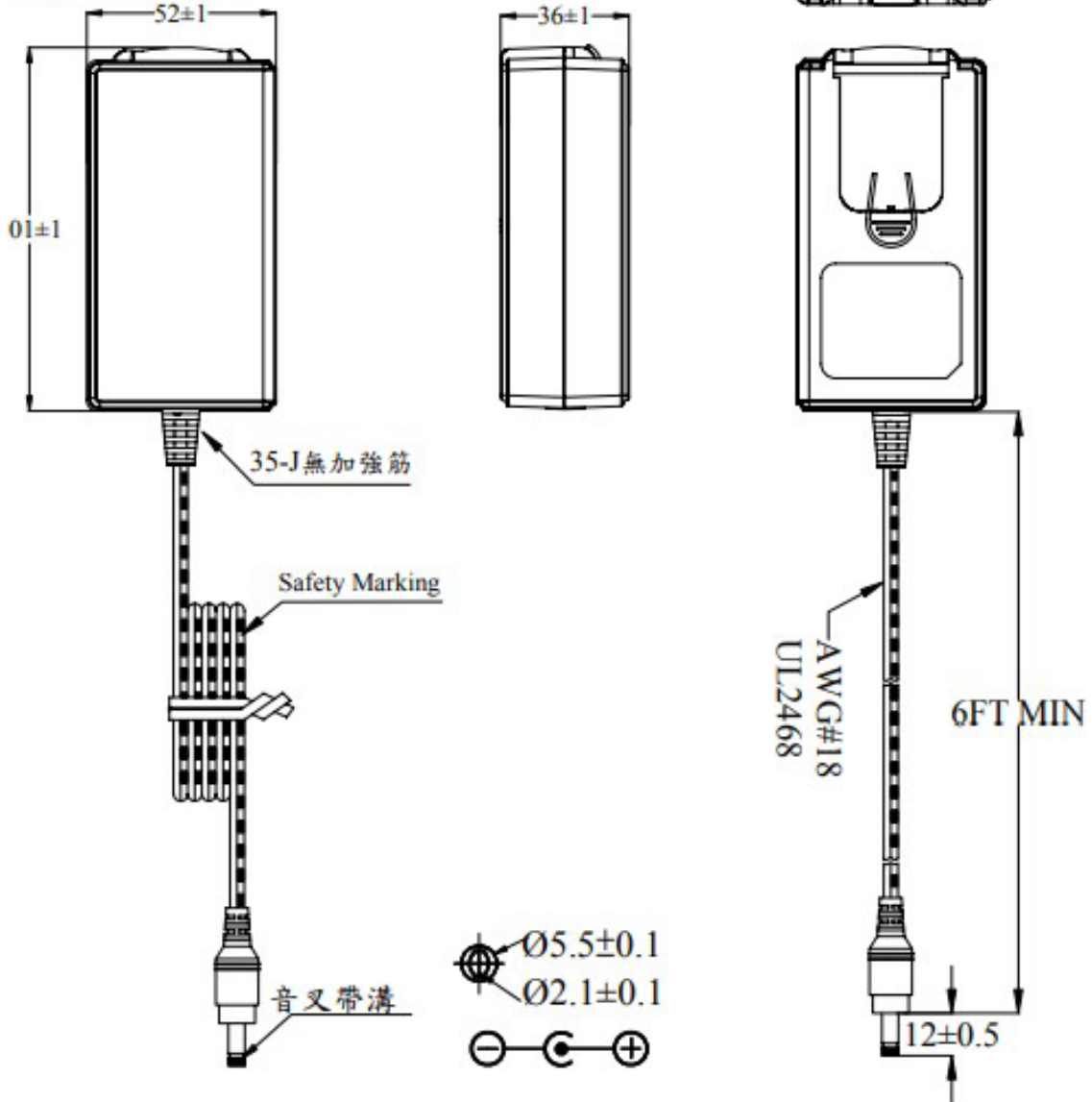


AC – DC

Mechanical Drawing (continued)

OVERALL DRAWING

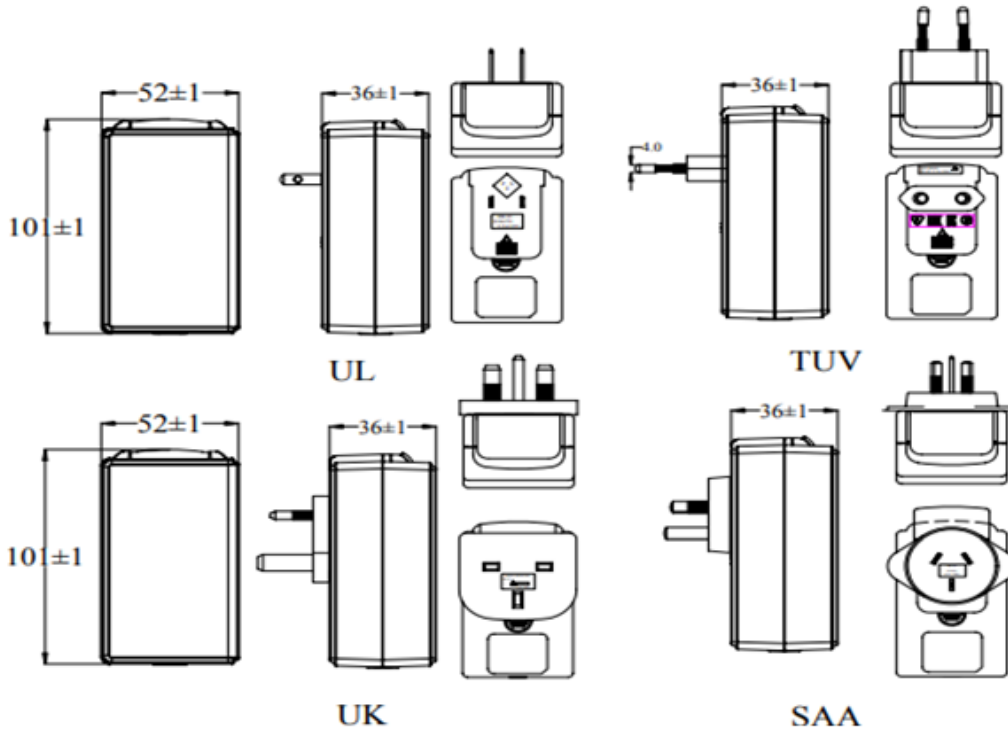
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COLOR: BLACK



AC - DC

Mechanical Drawing (Continued)

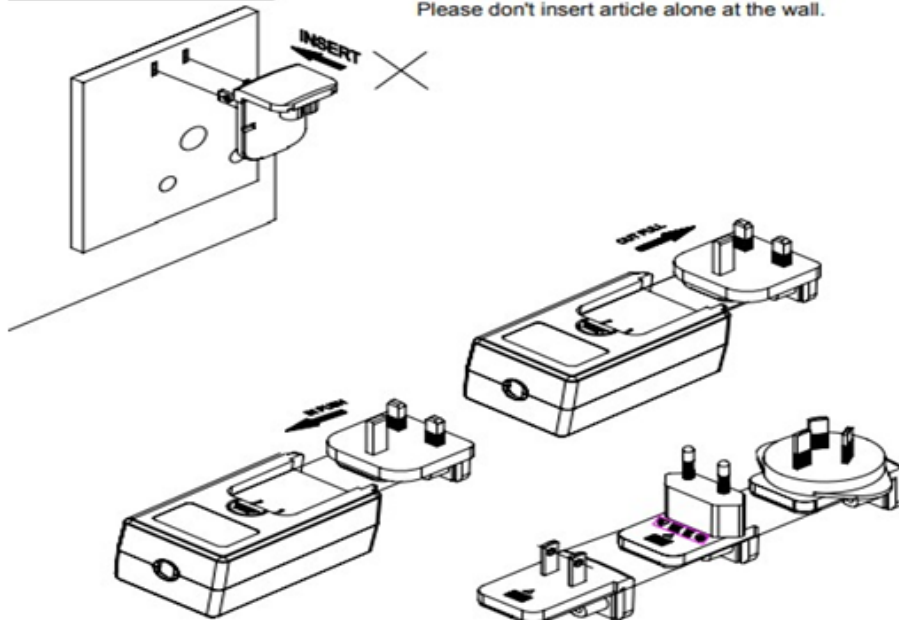
UNIT: mm



USE SPECIFICATION

WARNING!

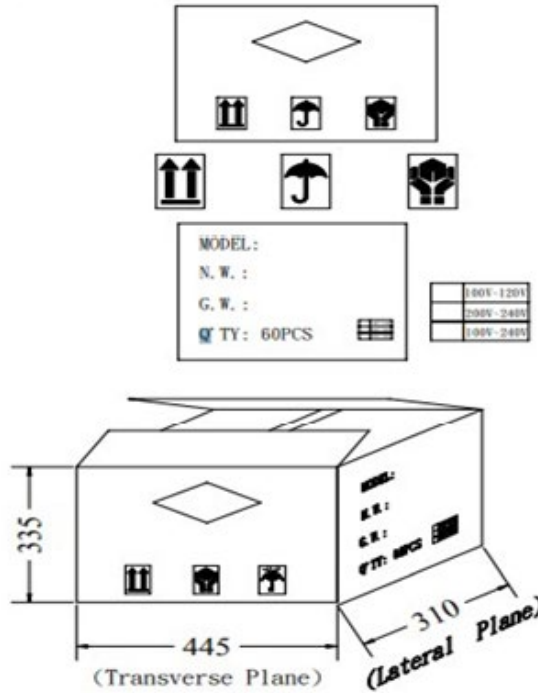
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AC - DC

Packaging and Label

UNIT: mm



MARKING

100# CPC 壓花底+上光 NAME-PLATE:WHITE CHARACTERS BLACK BACKGROUND.

UNIT: mm

