

## Features

- Universal Input 90~264V AC
- Approved to UKCA, CE, cULus, FCC, RoHS, REACH
- UL/EN 62368-1 Safety Approved
- Meets Efficiency Level VI
- EMC Class B Certified
- Single Output 12V DC



Ideal Power's 40XA-024CMxxxxxxx-2.5 24W AC/DC External Adapter Interchangeable Power Supply (PSU) Series are certified to UKCA, CE, cULus, FCC, RoHS, REACH & UL 62368-1/EN 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	Output Current	Output Power	Efficiency %
40XA024CM1200200-2.5	12V DC	2A	24W	86.2

### General Specifications

Input Connector	UK Interchangeable
Output Connection	2.5x5.5x12.0mm
Number of Outputs	1
Operating Temperature	0~40°C
Energy Efficiency Level	VI
Mounting Style	Desktop
MTBF	50,000 hours calculated at 25°C
Cable Length	1.5M
Cable Type	20AWG UL2468

**Input Specifications**

Rated Input Voltage	90~264Vac (±10%)
Rated Frequency	47~63Hz
Efficiency Level VI	Level VI / Efficiency (EU) 2019/1782
Input Current	1.5A
Inrush Current	50A Max. / 230Vac (Cold Start At 25°C, Full Load)
Leakage Current	5mA

**Output Specifications**

Ripple & Noise	200mVp-p Max.
Output Voltage Range	11.4-12.6V
Hold-up Time	10ms at 115 V AC Full Load
Turn on Time	3S Max
Number of Outputs	1
Dielectric Strength	Primary to Secondary :DC 4242V or AC 3000V, 10mA for 1 minute for test type.
Insulation Resistance	10MΩ for 500Vdc
Short Circuit Protection	Auto-recovery.
Input Protection	The switching power supply has a 2 Amps inner current fuse to protect itself.
Output Protection	Removal of an output overload shall provide automatic recovery for the output voltage.

**Mechanical Specifications**

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	83.5x49x34mm

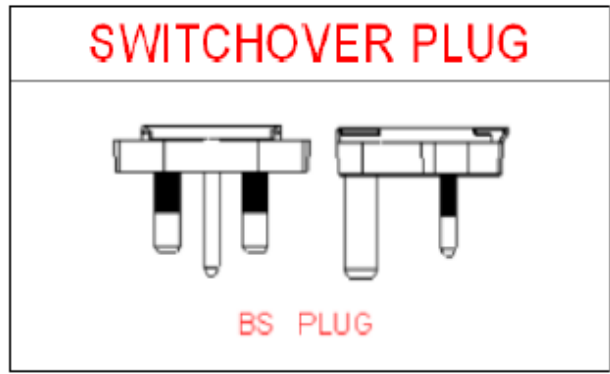
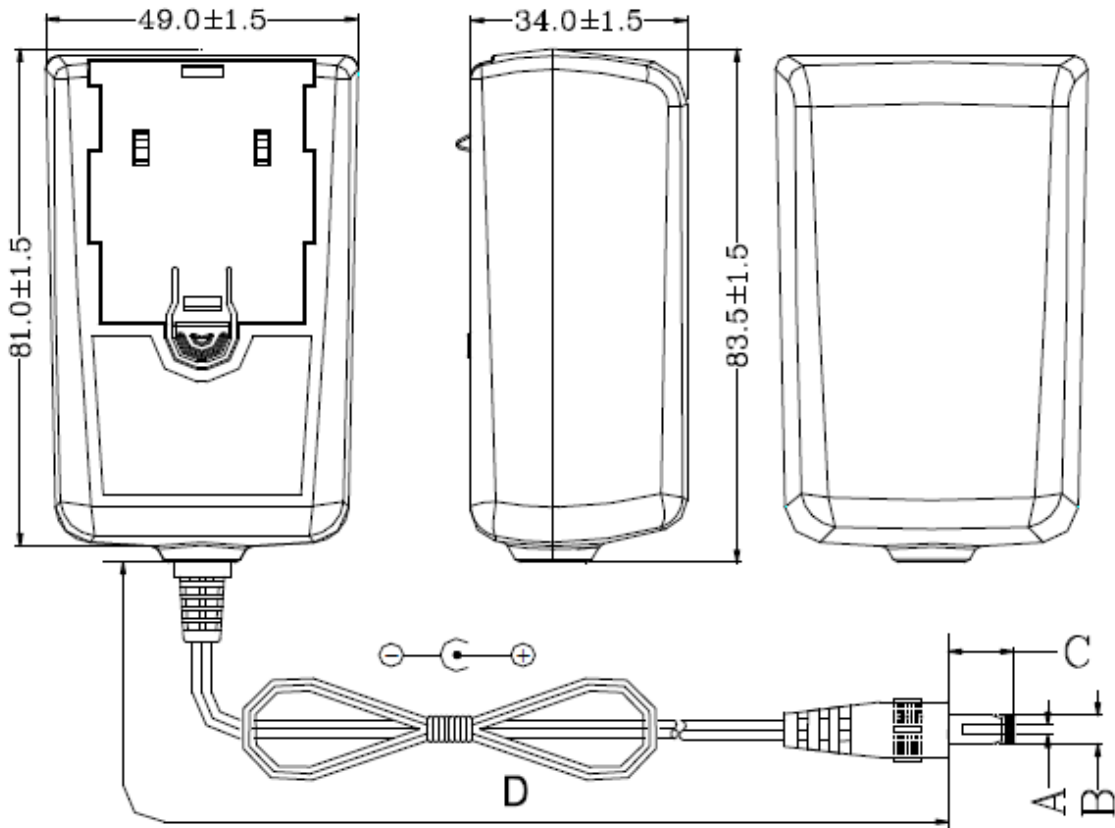
**Environmental Considerations**

Storage Temperature	-10°C ~ +60 °C
Relative Humidity:	5% ~ +95%
Operation Temperature	0°C ~ 40°C
Relative Humidity	10% ~ 90%

**Safety Approvals**

Compliance/Certifications	UKCA, CE, cULus, FCC, RoHS, REACH
Safety Standard	UL62368-1, EN 62368-1,
EMC Emission	Compliance to EN 55032, FCC PART 15 Class B,

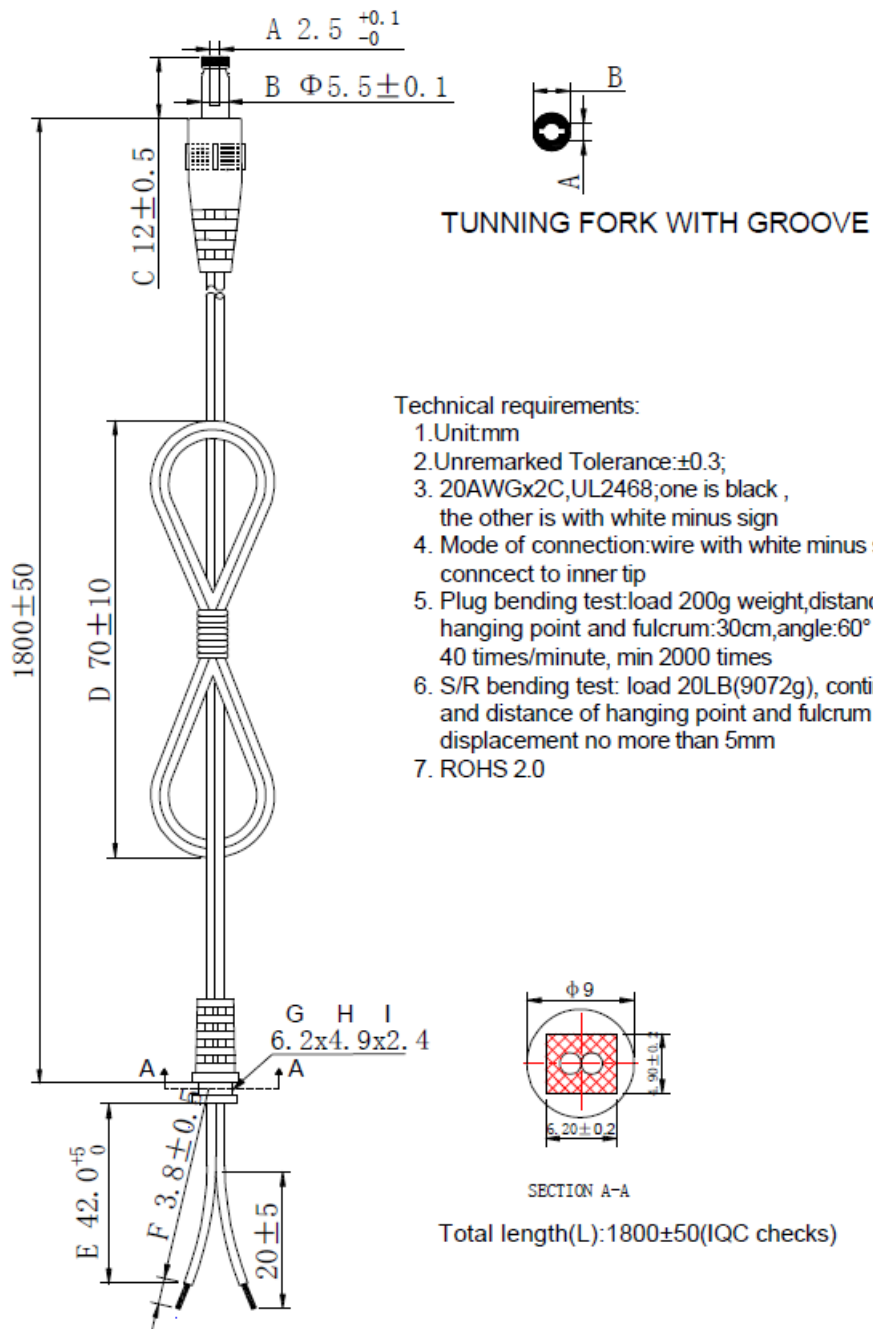
Mechanical Drawing



AC – DC

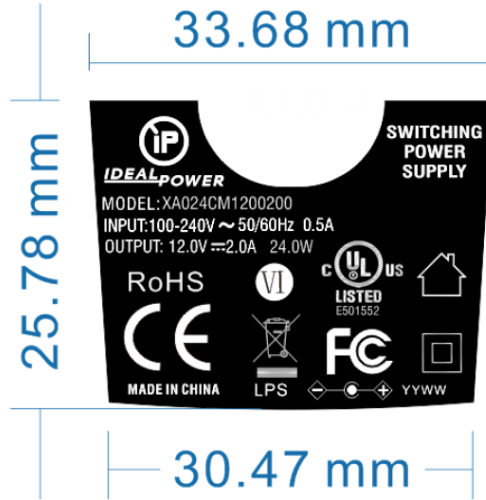
Mechanical Drawing

DC CORD



AC - DC

Labels

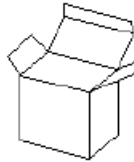


Packaging

PRUDUCT/产品:



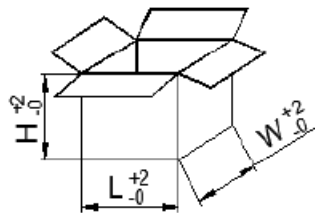
PRIMARY BOX/小白盒:



PAPERBOARD/平卡:



CARTON/纸箱:



DIMENSION(UNIT IN cm):

	L	W	H
WHITE BOX	10	5	7.5
CARDBOARD	41.0	39.0	/
CARTON	42.0	40.0	23.0

PACKING METHOD:

PAPERBOARD PLACEMENT METHOD	PUT A PAPERBOARD BETWEEN THE TOP AND BOTTOM,TOTAL 2PCS
PACKING METHOD	20PCS/LAYER X4 LAYERS
QTY	80PCS
N.W.	12.0kg
G.W.	13.5kg