AC - DC

## Features

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

Certified to UKCA, CE, cULus, TUV-GS, RoHS, REACH & UL 62368-1/EN 62368-1 Standards and complies 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 % |
|---|---|---|---|---|
| 40XA065BP1200300 | 12V DC | 3A | 36W | 87.4 |

## General Specifications

| | |
|---|---|
| Input Connector | 2 Pin IEC (C8) |
| Output Connection | 2.1x5.5x12.0mm |
| Number of Outputs | 1 |
| Operating Temperature | 0~40°C |
| Energy Efficiency Level | VI |
| Mounting Style | Desktop |
| MTBF | 50,000 hours calculated at 25ºC |
| Cable Length | 1.5M |
| Cable Type | 20AWG UL2468 |

## Input Specifications

| | |
|---|---|
| Rated Input Voltage | 100~240Vac (±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 25ºC, Full Load) |

## 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 | 114x50x34mm |

## Environmental Considerations

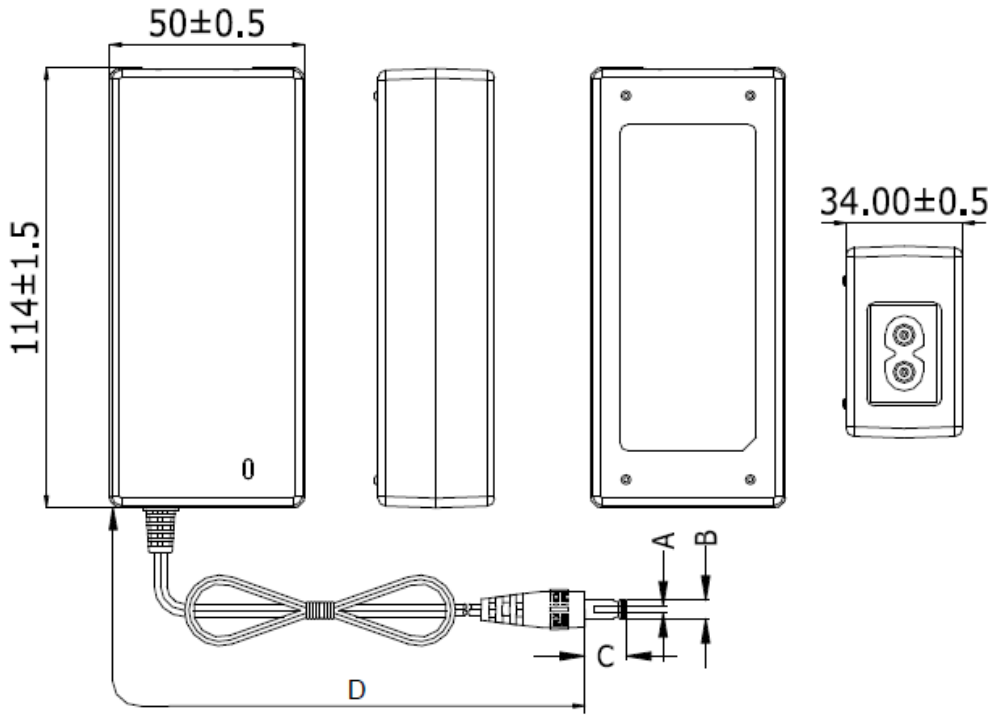
| | |
|---|---|
| Storage Temperature | -10℃ ~ +70 ℃ |
| Relative Humidity: | 5% ~ +95% |
| Operation Temperature | 0℃ ~ 40℃ |
| Relative Humidity | 10% ~ 95% |

## Safety Approvals

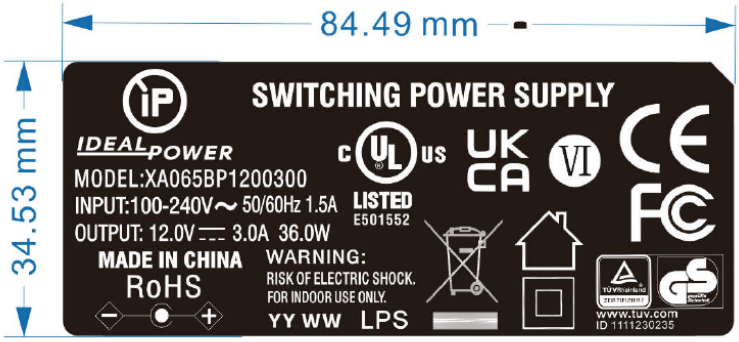
| | |
|---|---|
| Compliance/Certifications | UKCA, CE, cULus, TUV-GS, RoHS, REACH |
| Safety Standard | UL62368-1, EN 62368-1, |
| EMC Emission | Compliance to EN 55032, EN 55024, EN 55014, FCC |

AC - DC

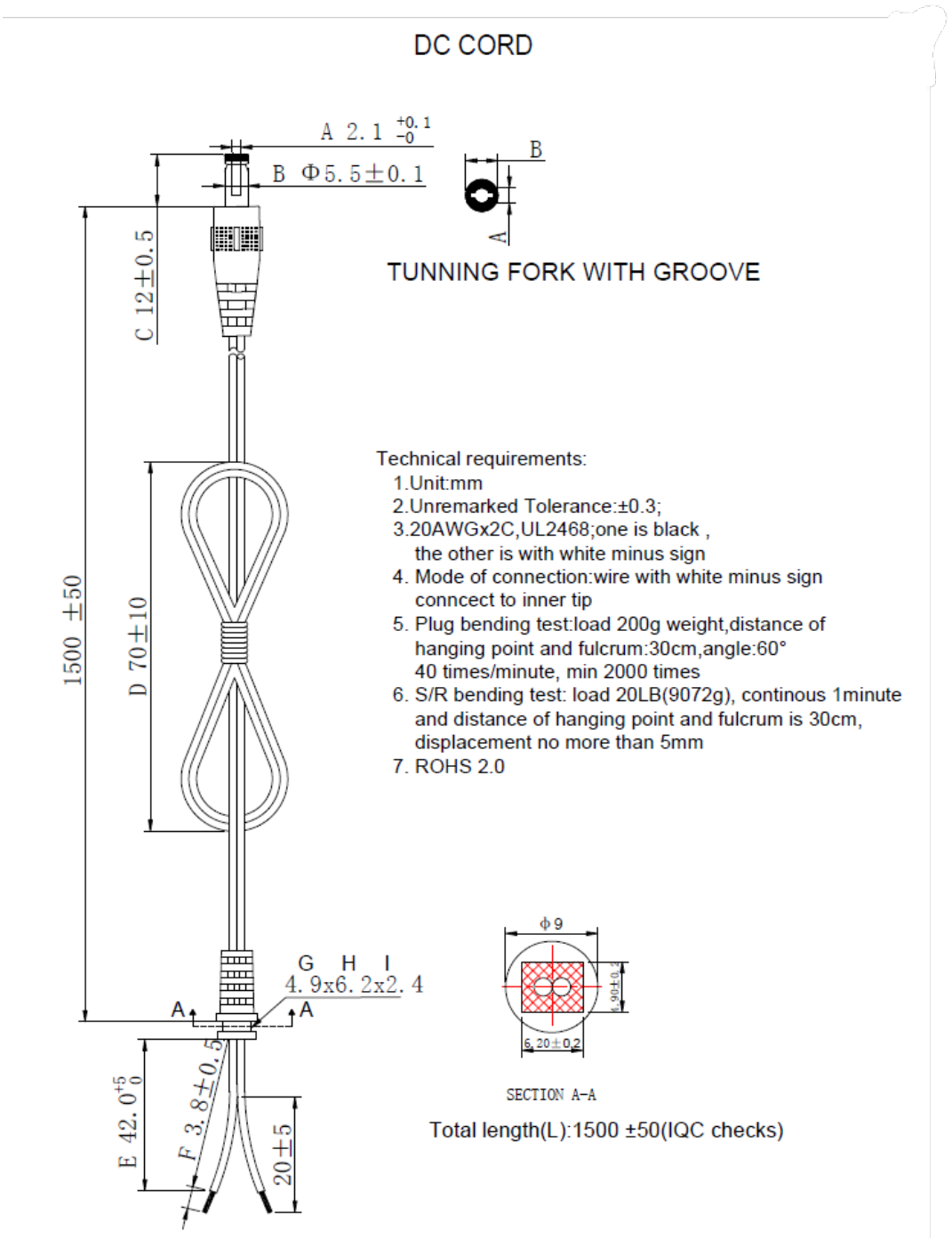
## Mechanical Drawing




## Labels



## Mechanical Drawing



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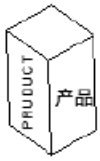
## Packaging

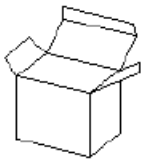
Product

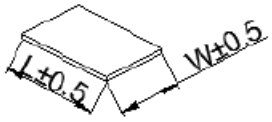
Primary Box

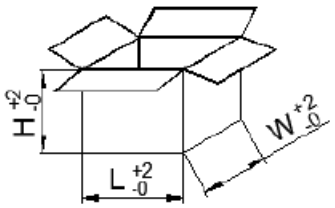
Pater board

Carton






DIMENSION(UNIT IN cm):

| | L | W | H |
|---|---|---|---|
| WHITE BOX | 9.0 | 4.0 | 14.0 |
| PAPERBOARD | 37.0 | 37.0 | 0.5 |
| CARTON | 38.5 | 38.5 | 30.8 |

PACKING METHOD:

| | |
|---|---|
| PAPERBOARD PLACEMENT METHOD | PUT A PAPERBOARD BETWEEN THE TOP AND BOTTOM,TOTAL 2PCS |
| PACKING METHOD | 36PCS/LAYER X 2 LAYERS |
| QTY | 72PCS |
| N.W. | 14.50KG |
| G.W. | 15.65KG |