

## Features

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



Certified to UKCA, CE, CCC, cULus, TUV-GS, FCC, 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 %
40XA065BQ1200500-2.5	12V DC	5A	60W	88

### General Specifications

Input Connector	IEC (C14)
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	18AWG 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 2121V or AC 1500V, 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

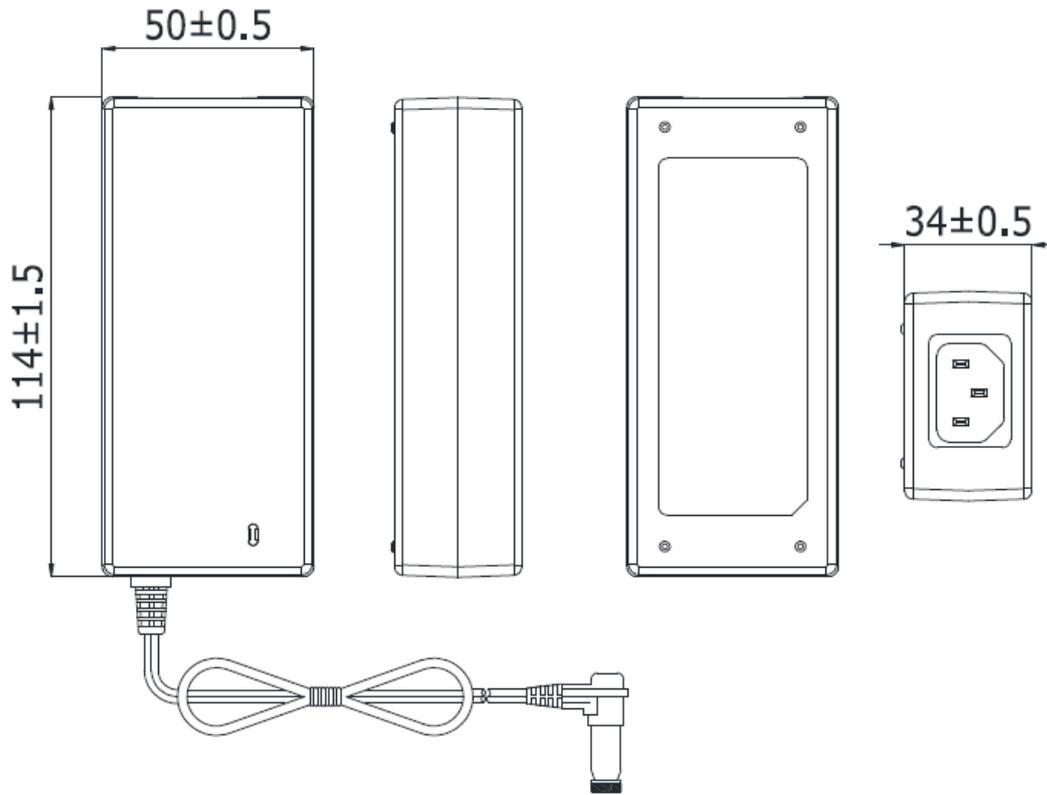
### Environmental Considerations

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

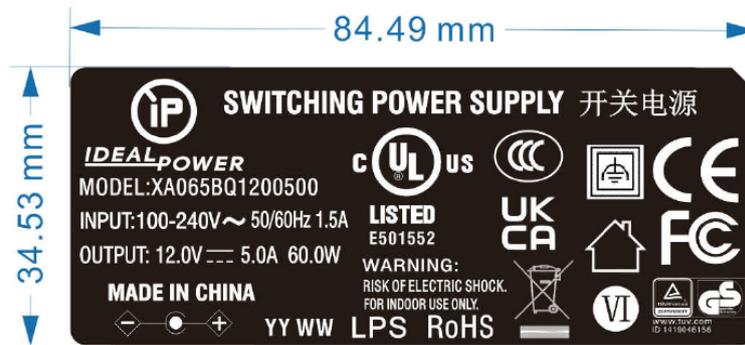
### Safety Approvals

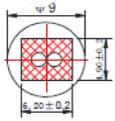
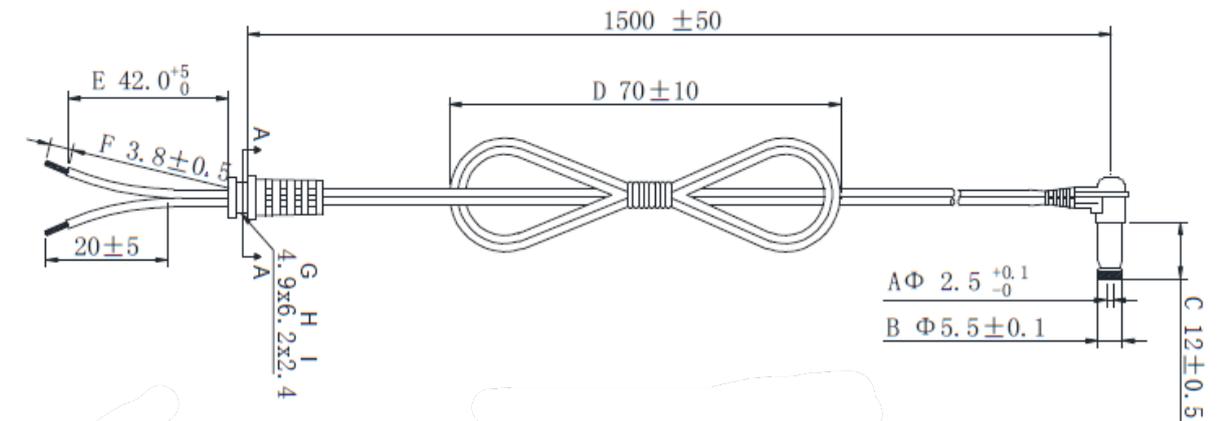
Compliance/Certifications	UKCA, CE, CCC, cULus, TUV-GS, FCC, RoHS, REACH
Safety Standard	UL62368-1, EN 62368-1,
EMC Emission	Compliance to EN 55032, EN 55024, EN 55014, FCC

Mechanical Drawing



Labels



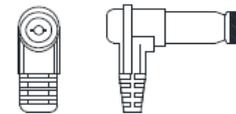
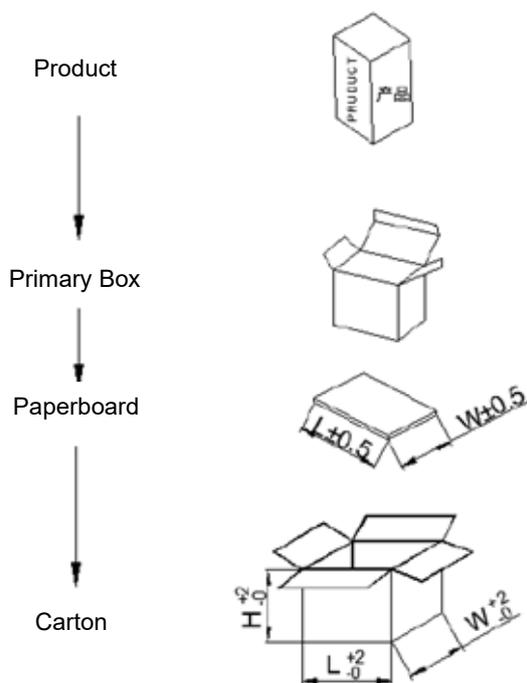
**Mechanical Drawing**


SECTION A-A

Total length(L): 1500 ± 50 (IQC checks)

**TUNING FORK WITH GROOVE**
**Technical requirements:**

1. Unit: mm
2. Unremarked Tolerance: ±0.3;
3. 18AWGx2C, UL2468; one is black, the other is with white minus sign
4. Mode of connection: wire with white minus sign connect to inner tip
5. Plug bending test: load 200g weight, distance of hanging point and fulcrum: 30cm, angle: 60° 40 times/minute, min 2500 times
6. S/R bending test: load 20LB(9072g), continuous 1minute and distance of hanging point and fulcrum is 30cm, displacement no more than 5mm
7. ROHS 2.0


**AC - DC**
**Packaging**

**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