

UV Series

AC/DC Adaptor **10W** Series



▲ UV310



▲ UVE310



▲ UVK310



▲ UVA310



▲ UVZ310



■ Please contact our sales department for safety standard of each model.



Product Highlights

- Ultra small size
- Light weight
- Energy efficiency
- Suit MP3 player, Portable GPS, PDA, Musical & Network devices

Protection

- Short circuit protection
- Over Voltage Protection
- Over Current Protection

Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- CNS14336

Efficiency

- Meet DoE Level VI

Emissions

- FCC Part15 Class B
- CE CISPR 32 Class B
- VCCI Class B
- CNS13438

Immunity

- EN55024/A1:2001

| Input | | | | | |
|-------------|-----|---------|-----|-------|---------|
| Description | Min | Typ | Max | Units | Comment |
| Voltage | 90 | 100~240 | 264 | VAC | |
| Frequency | 47 | 50/60 | 63 | Hz | |

| Environmental | | | | | |
|-----------------------|-----|-----|-----|-------|----------------------------|
| Description | Min | Typ | Max | Units | Comment |
| Operating Temperature | 0 | - | 40 | °C | Free Convection, Sea level |
| Storage Temperature | -20 | - | 65 | °C | Free Convection, Sea level |
| Operating Humidity | 5 | - | 95 | %RH | No Condensing |
| Storage Humidity | 5 | - | 95 | %RH | No Condensing |

Typical model list

| Input Condition | | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noises | Regulation | | Option/Remark | |
|---|---|-------------------|-------------------|--------------------------|--------|--------|------------|------|---------------|--|
| | | | | | | | Line | Load | | |
| Input Voltage: 90V-264Vac Frequency: 47-63Hz | 1 | 5V | 2.0A | ±5% | 100mV | 120mV | 2% | 10% | | |
| | 2 | 9V | 1.3A | ±5% | 90mV | 180mV | 2% | 10% | | |
| | 3 | 12V | 1.0A | ±5% | 120mV | 240mV | 2% | 10% | | |
| | 4 | 24V | 0.5A | ±5% | 240mV | 480mV | 2% | 10% | | |
| | 5 | - | - | - | - | - | - | - | | |
| | 6 | - | - | - | - | - | - | - | | |
| | 7 | - | - | - | - | - | - | - | | |

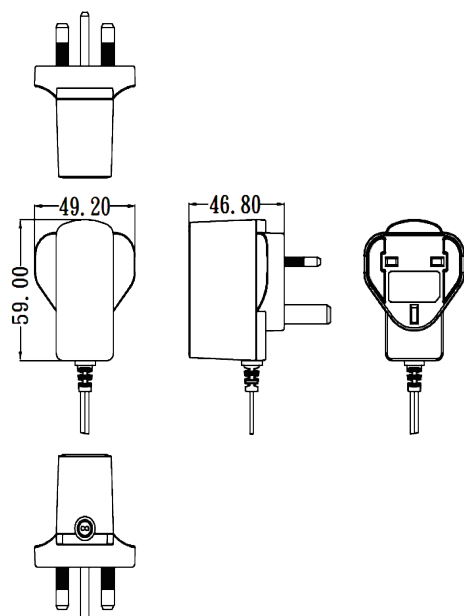
■ Measurement condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

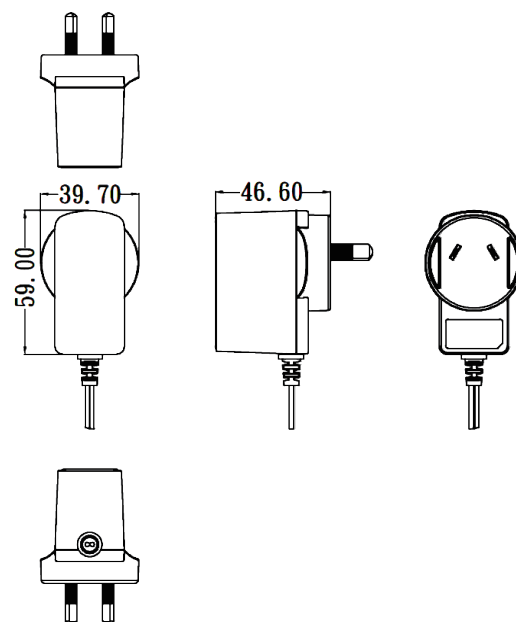
Mechanical Spec

| UV Series | UVE Series |
|-----------|------------|
| | |

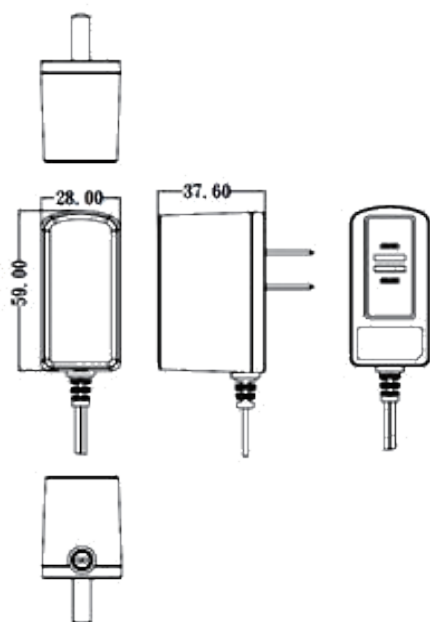
UVK Series



UVA Series



UVZ Series



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■ Please contact our sales department for details of each model ■