

UHVV 5W Series

Home Electronics and Appliances AC/DC Adaptor Standard Product



▲ UHVVU3005



▲ UHVVZ3005



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



Product Highlights

- Stability
- Energy and High Efficiency
- Suitable for home appliances
- Suitable for equipment which meet 60335

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

Safety Standard

- 61558-1
- 60335-1
- PSE 別表第八

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

Emissions

- FCC
 - FCC Part15-B
- CE
 - EN(CISPR)55014-B
- VCCI-B

Immunity

- EN55014-2
- The above specifications include the following test standards
- ✓ EN61000-4-2
 - ✓ EN61000-4-3
 - ✓ EN61000-4-4
 - ✓ EN61000-4-5
 - ✓ EN61000-4-6
 - ✓ EN61000-4-11

Electrical Spec

| 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 |

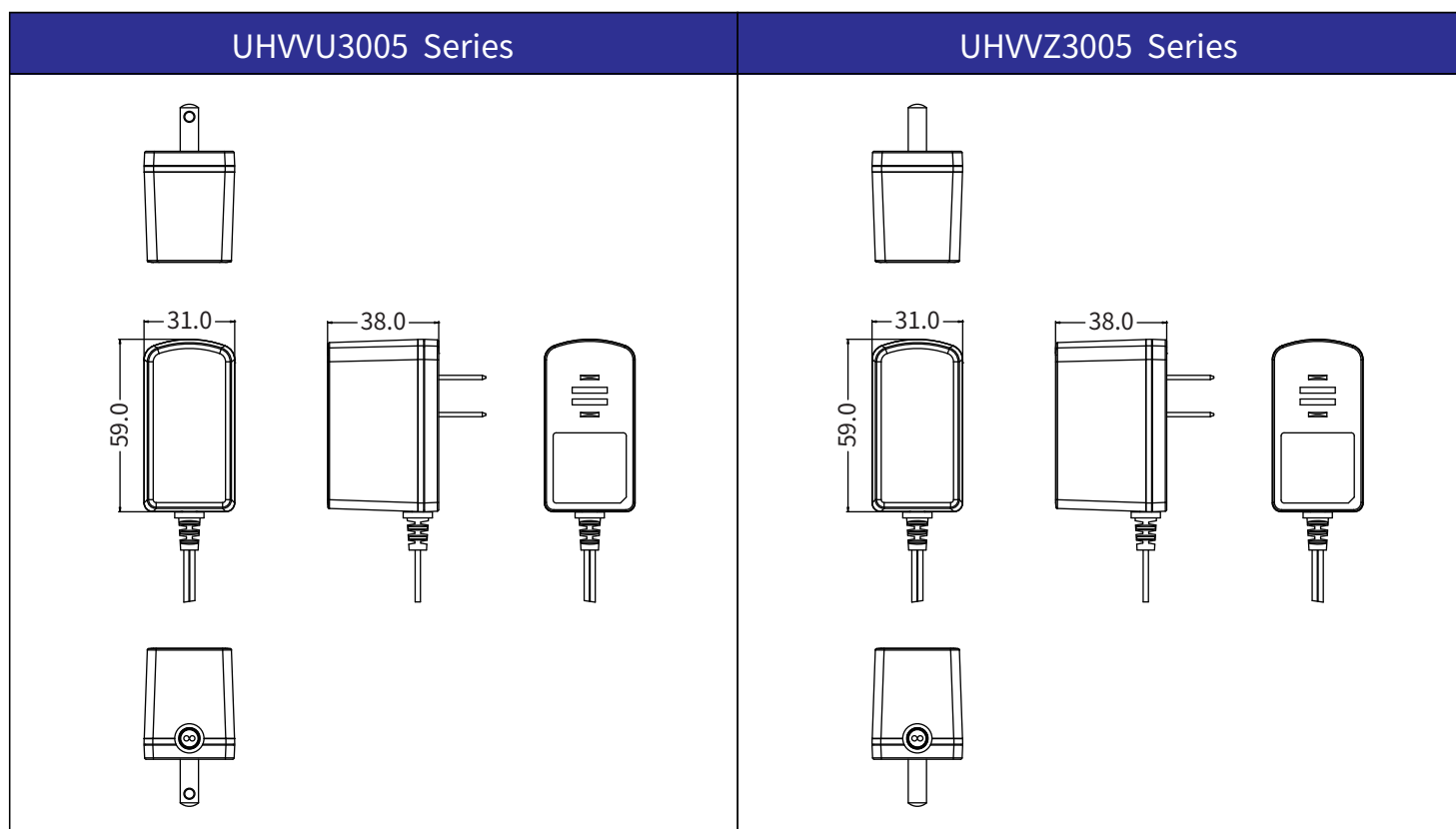
Typical model list

| Model Name | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Average Active Efficiency | No-Load Power Consumption | Option / Remark |
|--------------------|-------------------|-------------------|--------------------------|--------|-------|---------------------------|---------------------------|-----------------|
| UHVVx3005-036012SA | 3.6V | 1.2A | ±5% | 200mV | 200mV | 72.50% | 0.1W | |

■ 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



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