

# UHVU 24W Series

## Home Electronics and Appliances AC/DC Adaptor Standard



▲ UHVUU3024



▲ UHVUZ3024



▲ UHVUE3024



▲ UHVUK3024



▲ UHVUA3024



▲ UHVUF3024



▲ UHVUG3024



▲ UHVUR3024



■ 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

### Efficiency

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

### Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

### Emissions

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

### Safety Standard

- 61558-1
- 60335-1
- PSE 別表第八

### 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

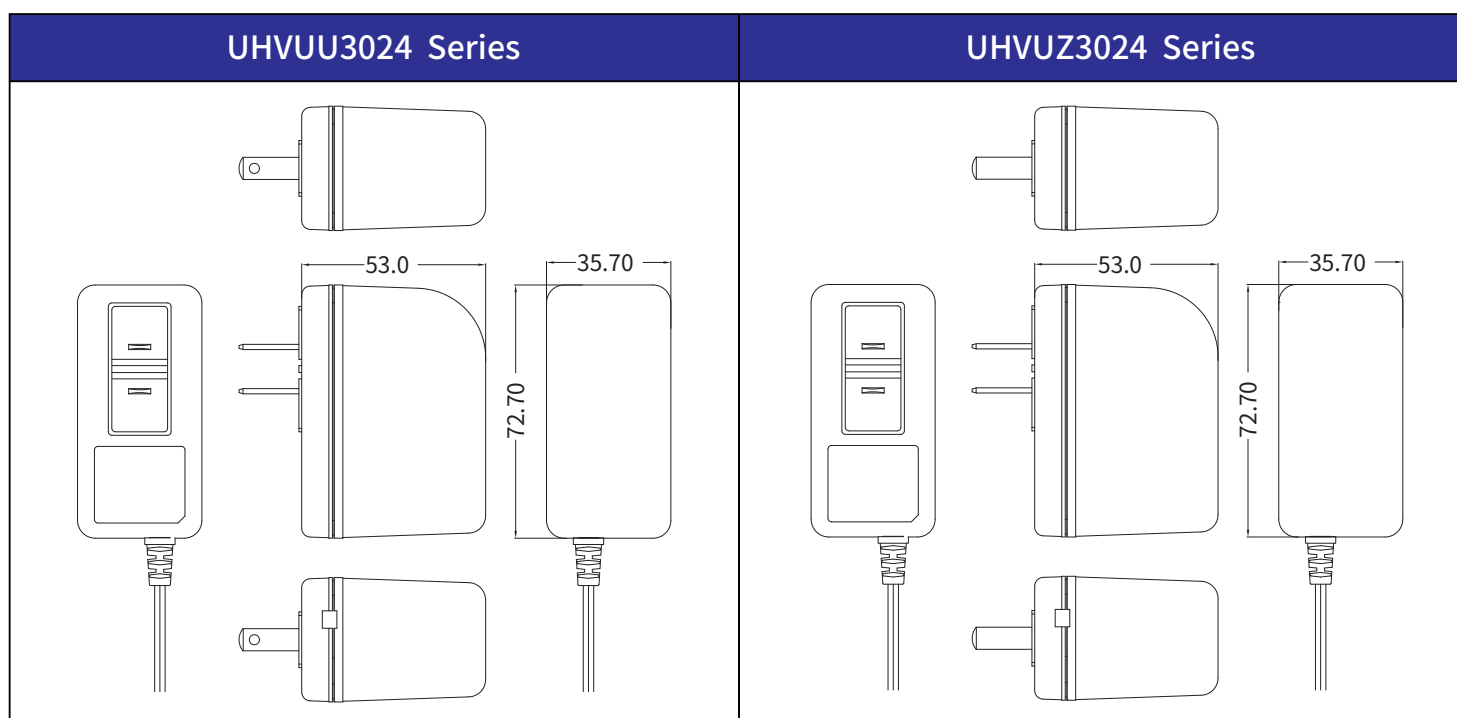
# Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption
UHVUx3024-050030SA	5.0V	3.0A	±5%	100mV	100mV	81.93%	0.1W
UHVUx3024-050040SA	5.0V	4.0A	±5%	150mV	200mV	83.08%	0.1W
UHVUx3024-059030SA	5.9V	3.0A	±5%	100mV	100mV	82.38%	0.1W
UHVUx3024-120020SA	12.0V	2.0A	±5%	120mV	200mV	86.20%	0.1W
UHVUx3024-150016SA	15.0V	1.6A	±5%	150mV	200mV	86.20%	0.1W
UHVUx3024-240010SA	24.0V	1.0A	±5%	240mV	240mV	86.20%	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



Mechanical Spec

UHVUE3024 Series	UHVUK3024 Series
<p>Technical drawings of the UHVUE3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 71.00 (width), 35.70 (depth), and 72.70 (height).</p>	<p>Technical drawings of the UHVUK3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 49.50 (width), 60.20 (depth), and 72.70 (height).</p>
UHVUA3024 Series	UHVUF3024 Series
<p>Technical drawings of the UHVUA3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 61.5 (width), 40.0 (depth), and 72.7 (height).</p>	<p>Technical drawings of the UHVUF3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 35.70 (width), 71.00 (depth), and 72.70 (height).</p>
UHVUG3024 Series	UHVUR3024 Series
<p>Technical drawings of the UHVUG3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 61.5 (width), 40.0 (depth), and 72.7 (height).</p>	<p>Technical drawings of the UHVUR3024 Series. The drawings include a front view showing two circular ports, a side view, and a rear view showing a cable connector. Dimensions are indicated: 35.70 (width), 71.00 (depth), and 72.70 (height).</p>

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