

# UC 12W Series

## I.T.E./AV AC/DC Adaptor



▲ UC310



▲ UCY310



▲ UCE310



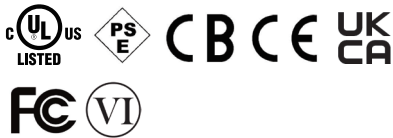
▲ UCR310



▲ UCK310



▲ UCA310



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



### Product Highlights

- Low Cost
- Ultra Small Size
- Energy Efficiency
- Suit LED Lighting, Display or Photo Frame, Network and USB Devices

### 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

### Emissions

- FCC Part 15 Class B
- VCCI Class B
- CE CISPR 32 EN55032
- BS EN 55032

### Safety Standard

- 60950-1
- 62368-1
- PSE 別表第八

### Immunity

- EN 55035
- BS EN 55035

## 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

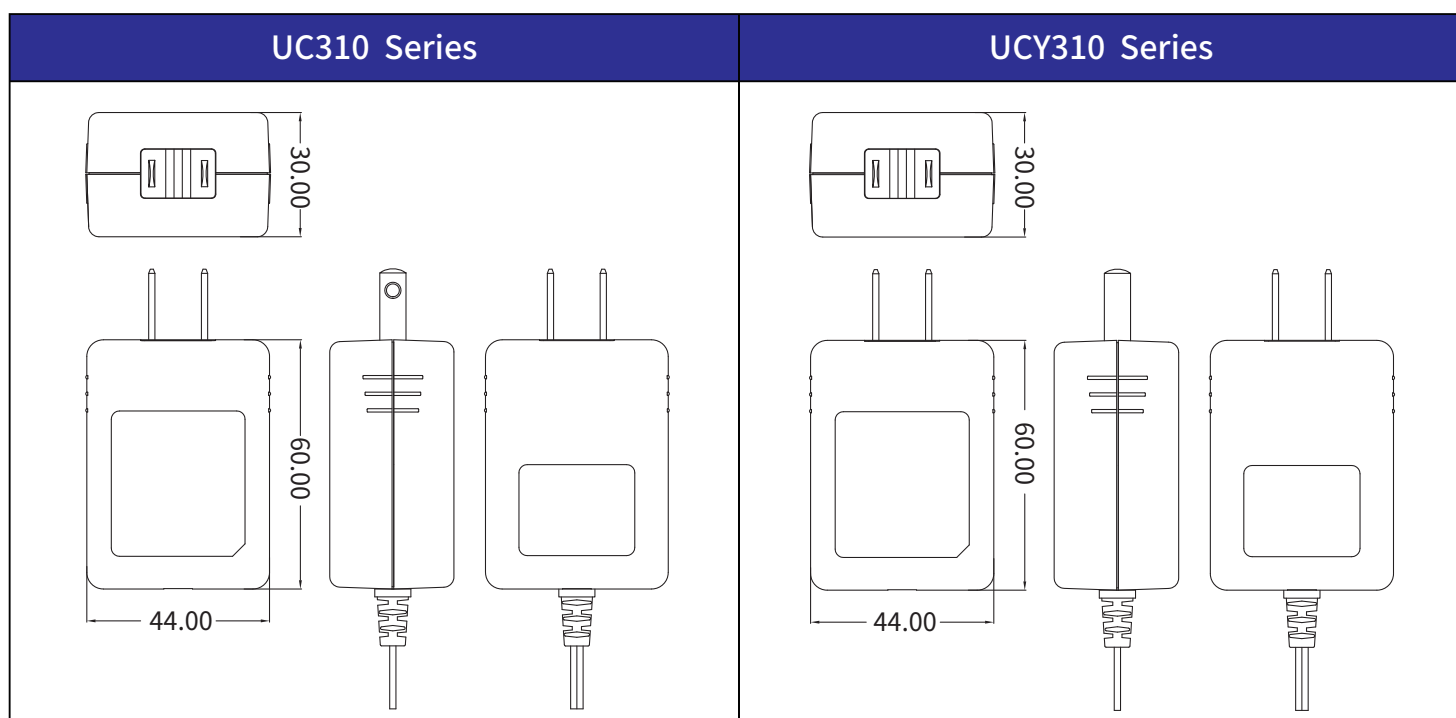
## Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	5.0V	1.2A	±5%	150mV	200mV	75.00%	0.1W	
2	5.0V	1.5A	±5%	150mV	200mV	76.65%	0.1W	
3	5.3V	1.5A	±5%	150mV	200mV	77.08%	0.1W	
4	5.0V	2.0A	±5%	150mV	200mV	78.70%	0.1W	
5	9.0V	1.3A	±5%	150mV	200mV	82.83%	0.1W	
6	12.0V	0.8A	±5%	150mV	200mV	81.71%	0.1W	
7	12.0V	1.0A	±5%	150mV	200mV	82.96%	0.1W	
8	24.0V	0.5A	±5%	150mV	200mV	82.96%	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



UCE310 Series	UCR310 Series
UCK310 Series	UCA310 Series

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