

UC Series

AC/DC Adaptor **10W** Series



▲ 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

- Meet DoE Level VI

Protection

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

Emissions

- VCCI Class B
- CE CISPR 32 Class B

Safety Approvals

- PSE
- IEC/EN60950-1

Immunity

- EN55024/A1:2001

Electrical Spec

Absolute Maximum Rating

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

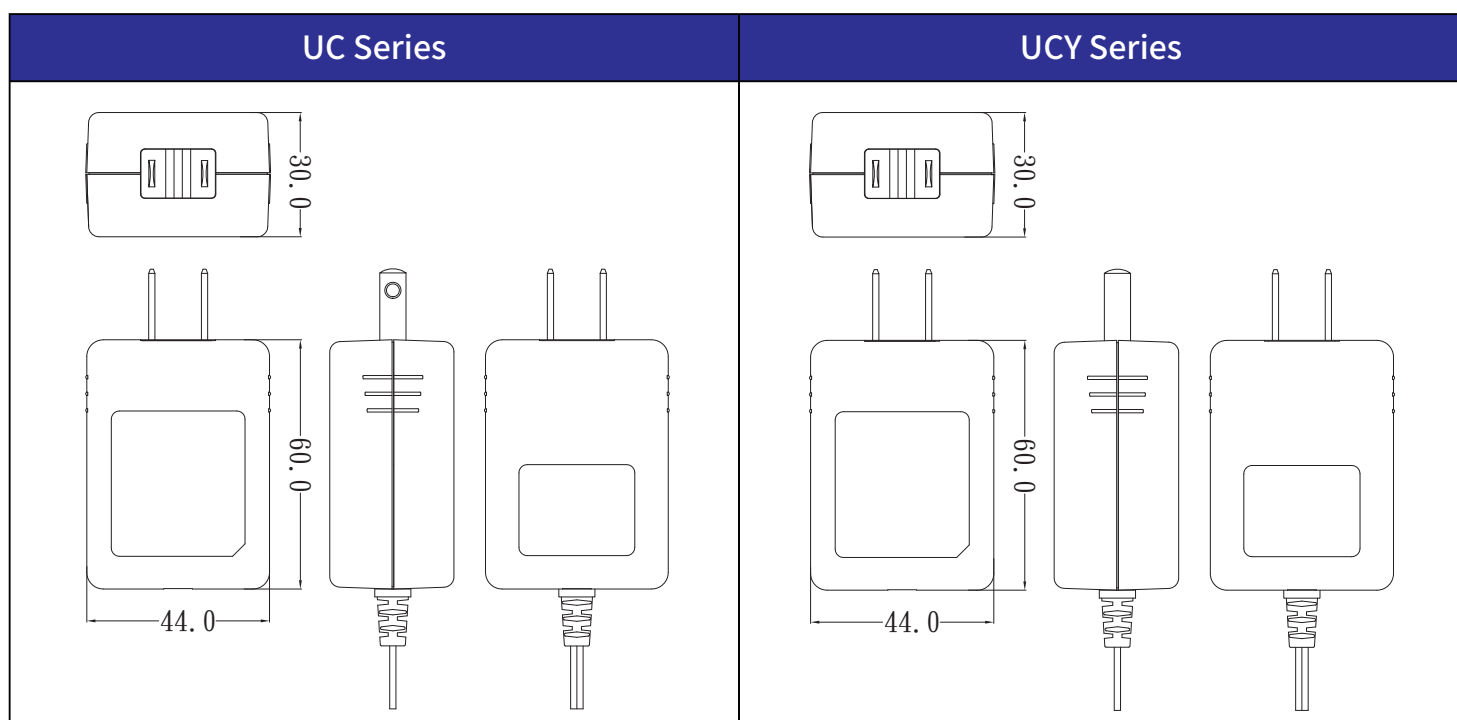
Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noises	Regulation		Option/Remark	
						Line	Load		
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	5V	1.2A	±5%	150mV	200mV	2%	10%	Models marked "*" can support additional constant current function.
	2	5V	1.5A	±5%	150mV	200mV	2%	10%	
	3	5.3V	1.5A	±5%	150mV	200mV	2%	10%	
	4	5V	2.0A	±5%	150mV	200mV	2%	10%	
	5	9V	1.3A	±5%	150mV	200mV	2%	10%	
	6	12V	0.8A	±5%	150mV	200mV	2%	10%	
	7	12V	1.0A	±5%	150mV	200mV	2%	10%	
	8	24V	0.5A	±5%	150mV	200mV	2%	10%	
	9	-	-	-	-	-	-	-	
	10	-	-	-	-	-	-	-	
	11	-	-	-	-	-	-	-	

■ 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



UCE Series	UCR Series
<p>Technical drawings of the UCE Series AC/DC adaptor. The top row shows the front view (left), a side view with a dimension of 48.00 (middle), and a rear view with dimensions of 44.40 (width) and 60.50 (height) (right). The bottom row shows a perspective view of the device with two input pins.</p>	<p>Technical drawings of the UCR Series AC/DC adaptor. The top row shows the front view (left), a side view with a dimension of 48.00 (middle), and a rear view with dimensions of 44.40 (width) and 60.50 (height) (right). The bottom row shows a perspective view of the device with two input pins.</p>
UCK Series	UCA Series
<p>Technical drawings of the UCK Series AC/DC adaptor. The top row shows the front view (left), a side view with a dimension of 36.40 (middle), and a rear view with dimensions of 49.30 (width) and 60.50 (height) (right). The bottom row shows a perspective view of the device with three input pins.</p>	<p>Technical drawings of the UCA Series AC/DC adaptor. The top row shows the front view (left), a side view with a dimension of 35.40 (middle), and a rear view with dimensions of 43.50 (width) and 60.40 (height) (right). The bottom row shows a perspective view of the device with two input pins.</p>

— the following blank —

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