

# UCx Series

## AC/DC Adaptor **6W** Series



▲ UC105



▲ UCL105



▲ UCZ305



▲ UCE305



▲ UCK305



▲ UCY305

### Product Highlights

- Low cost
- Ultra small size
- Light weight
- Energy efficiency
- Suit LED lighting, display or photo frame, network and USB devices

### Protection

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

### Safety Approvals

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

### Efficiency

- Meet DoE Level VI

### Emissions

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

### 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

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### 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	3V	1.0A	±8%	300mV	300mV	2%	10%	
	2	5V	0.8A	±5%	300mV	300mV	2%	10%	
	3	5V	1.0A	±5%	300mV	300mV	2%	10%	
	4	9V	0.5A	±5%	300mV	300mV	2%	10%	
	5	12V	0.25A	±5%	240mV	240mV	2%	10%	
	6	12V	0.5A	±5%	300mV	300mV	2%	10%	
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

■ 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

UC	UCY Series	UCL	UCZ Series	UCE	UCR Series	UCK Series