

UC 6W Series

I.C.T./AV AC/DC Adaptor Compact Design



▲ UC105/UC305



▲ UCY305



▲ UCL105/UCL305



▲ UCZ305



▲ UCE305



▲ UCR305



▲ UCK305



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



Safety Certificate



Reliability Guarantee



Energy Saving



ROHS 2



EMC



LPS



Miniaturization

Product Highlights

- Stability
- Energy and High Efficiency
- Small size
- Light weight
- Suitable for audio, video, information and communications technology equipment

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
 - FCC Part15-B
- CE
 - EN(CISPR)55032-B
- VCCI-B
- BS EN 55032

Safety Standard

- 60950-1
- 62368-1
- PSE 別表第八

Immunity

- EN55035
- BS EN 55035

The above specifications include the following test standards

- ✓ EN61000-4-2
- ✓ EN61000-4-3
- ✓ EN61000-4-4
- ✓ EN61000-4-5
- ✓ EN61000-4-6
- ✓ EN61000-4-8
- ✓ 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
UCx305-0508	5.0V	0.8A	±5%	300mV	300mV	71.90%	0.1W	
UCx305-0510	5.0V	1.0A	±5%	300mV	300mV	73.62%	0.1W	
UCx305-0905	9.0V	0.5A	±5%	300mV	300mV	77.05%	0.1W	
UCx305-1225	12.0V	0.25A	±5%	240mV	240mV	74.38%	0.1W	
UCx305-1205	12.0V	0.5A	±5%	300mV	300mV	78.88%	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

UC105/305 Series	UCY305 Series	UCL105/305 Series

Mechanical Spec

UCZ305 Series	UCE305 Series	UCR305 Series
UCK305 Series		

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