

UVx Series

AC/DC Adaptor **6W** Series



▲ UV105



▲ UVE305



▲ UVK305



▲ UVA305



▲ UVZ305



Product Highlights

- Ultra small size
- Light weight
- Energy efficiency
- Suit MP3 player, Portable GPS, PDA, Musical & Network device

Protection

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

Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- CNS14336

Efficiency

- Meet DoE Level VI

Emissions

- FCC Part15 Class B
- CE CISPR 32 Class B
- VCCI Class B
- CNS13438

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	5V	0.5A	±5%	200mv	200mv	2%	10%	-
	2	5V	1.0A	±5%	200mv	200mv	2%	10%	-
	3	6V	0.5A	±5%	200mv	200mv	2%	10%	-
	4	5.9V	0.85A	±5%	200mv	200mv	2%	10%	-
	5	5.9V	1.0A	±5%	200mv	200mv	2%	10%	-
	6	7V	0.5A	±5%	200mv	200mv	2%	10%	-
	7	7.5V	0.8A	±5%	200mv	200mv	2%	10%	-
	8	8V	0.6A	±5%	200mv	200mv	2%	10%	-
	9	9V	0.5A	±5%	200mv	200mv	2%	10%	-
	10	12V	0.5A	±5%	200mv	200mv	2%	10%	-
	11	13V	0.45A	±5%	200mv	200mv	2%	10%	-
	12	24V	0.2A	±5%	200mv	200mv	2%	10%	-
	13	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	-
	15	-	-	-	-	-	-	-	-

■ 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

UV 305	UV Sries	UVE Sries	UVK Sries	UVA Sries