

UV 12W Series

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



▲ UV313



▲ UVA313



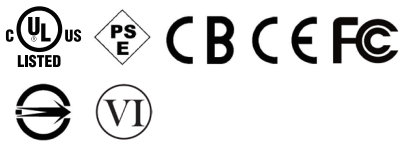
▲ UVE313



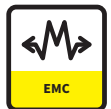
▲ UVZ313



▲ UVK313



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



Product Highlights

- Ultra Small Size
- Light Weight
- Energy Efficiency
- Suit MP3 Player, Portable GPS, PDA, Musical & Network Devices

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

Safety Standard

- 62368-1
- CNS14336
- PSE 別表第八

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet COMMISSION REGULATION(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

Emissions

- FCC Part15 Class B
- CE CISPR 32 EN55032
- VCCI Class B
- CNS13438

Immunity

- EN55024/A1:2001

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

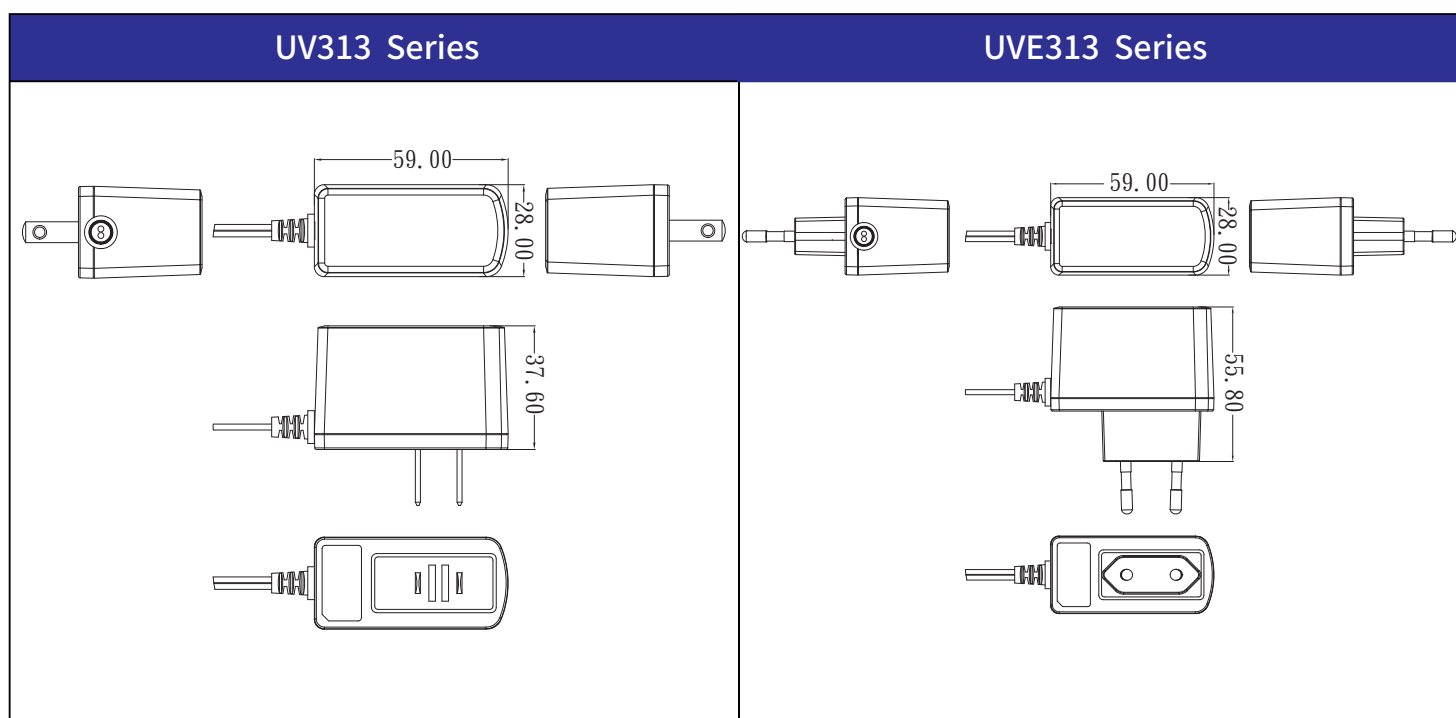
Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	5.0V	2.0A	±5%	100mV	120mV	78.70%	0.1W	
2	6.0V	1.8A	±5%	200mV	240mV	77.19%	0.3W	
3	9.0V	1.0A	±5%	90mV	180mV	81.34%	0.1W	
4	9.0V	1.3A	±5%	90mV	180mV	82.83%	0.1W	
5	12.0V	1.0A	±5%	120mV	240mV	82.96%	0.1W	
6	18.0V	0.5A	±5%	240mV	360mV	81.34%	0.1W	
7	24.0V	0.5A	±5%	240mV	480mV	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



UVK313 Series	SVA313 Series
<p>UVK313 Series mechanical drawings showing front, side, and top views. Dimensions: 59.00 (width), 49.20 (height), 46.80 (depth).</p>	<p>SVA313 Series mechanical drawings showing front, side, and top views. Dimensions: 59.00 (width), 39.70 (height), 46.60 (depth).</p>
UVZ313 Series	
<p>UVZ313 Series mechanical drawings showing front, side, and top views. Dimensions: 59.00 (width), 28.00 (height), 37.60 (depth).</p>	

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