

# UN 12W Series

## I.C.T./AV AC/DC Adaptor Standard Product



▲ UN112/UN312



▲ UNL112/UNL312



▲ UNY312



▲ UNZ312



▲ UNE312



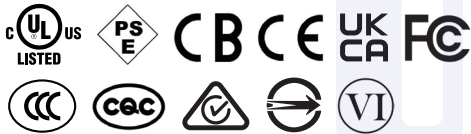
▲ UNR312



▲ UNK312



▲ UNA312



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



### Product Highlights

- Stability
- Energy and High Efficiency
- 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
- CNS13438
- AS/NZS CISPR32
- GB9254/GB17625.1
- BS EN 55032

### Safety Standard

- 60950-1
- 62368-1
- CNS14336
- GB4943.1
- 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

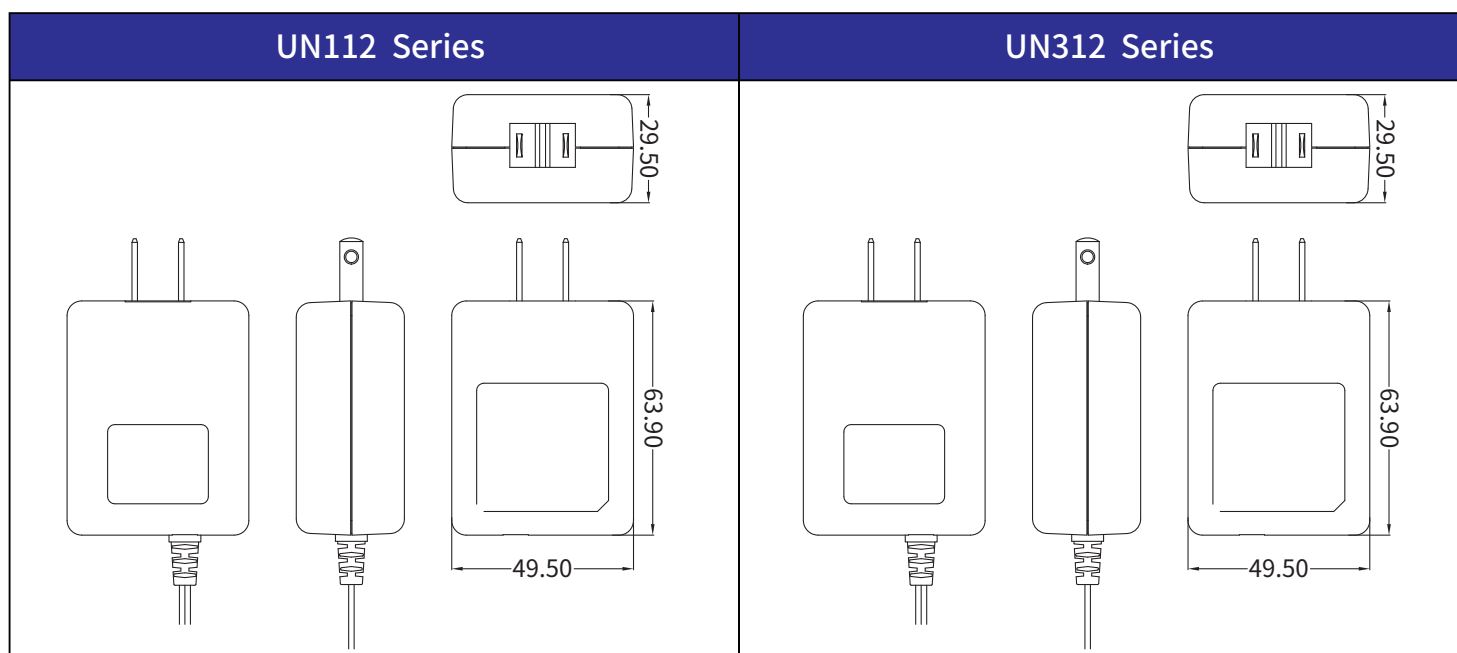
# Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNx312-0520	5.0V	2.0A	±5%	100mV	100mV	78.70%	0.1W	
UNx312-5920	5.9V	2.0A	±5%	150mV	150mV	79.83%	0.1W	
UNx312-0913	9.0V	1.3A	±5%	180mV	180mV	82.83%	0.1W	
UNx312-1210	12.0V	1.0A	±5%	150mV	240mV	82.96%	0.1W	
UNx312-2405	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.

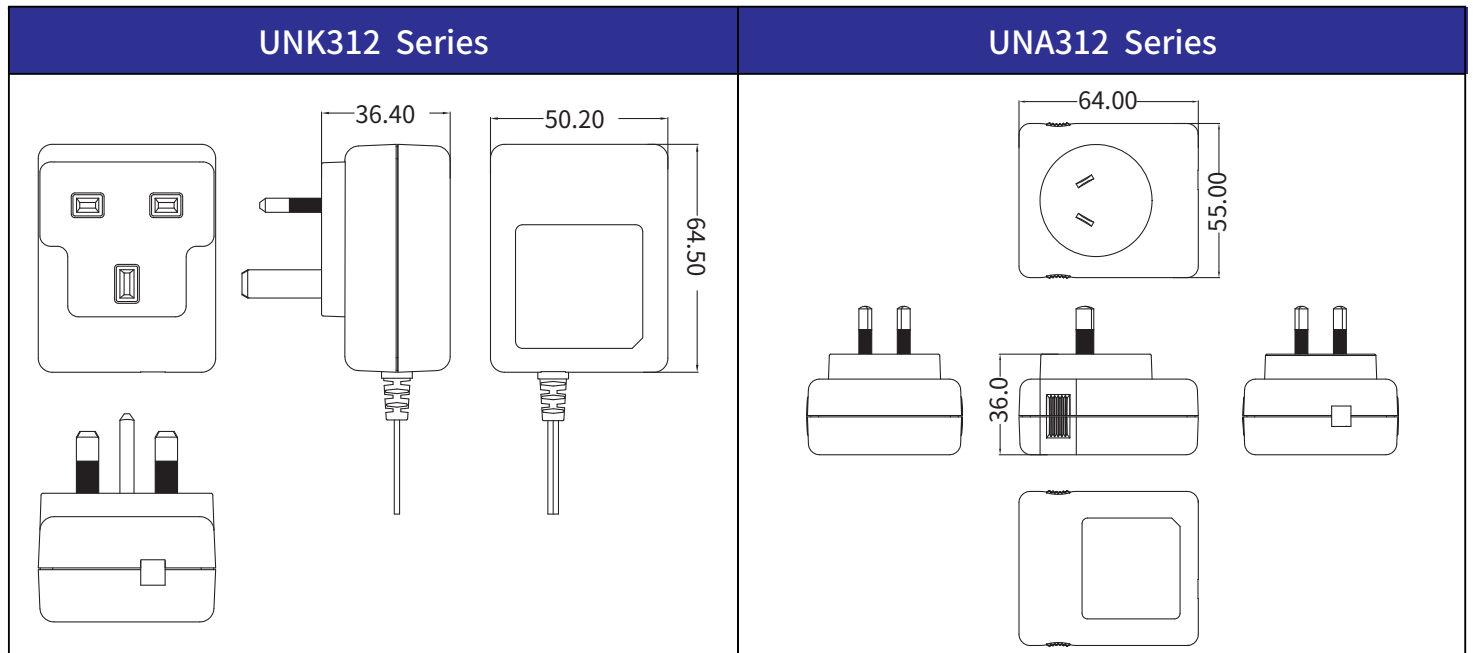
# Mechanical Spec



# Mechanical Spec

UNL112 Series	UNL312 Series
<p>64.00 50.00 34.80</p>	<p>64.00 50.00 34.80</p>
UNY312 Series	UNZ312 Series
<p>29.50 63.90 49.50</p>	<p>64.00 50.00 34.80</p>
UNE312 Series	UNR312 Series
<p>47.90 50.20 64.50</p>	<p>47.90 50.20 64.50</p>

Mechanical Spec



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