UNVDxN 24W Series

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

▲ UNVDUN3024

▲ UNVDLN3024

▲ UNVDEN3024

▲ UNVDZN3024

▲ UNVDAN3024

▲ UNVDKN3024

▲ UNVDRN3024

▲ UNVDFN3024

▲ UNVDGN3024

PS E CE UK CA FC VI

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

Safety Certificate | Reliability Guarantee | Energy Saving | ROHS 2 | EMC | LPS | GaN-MOSFET

Product Highlights

- Stability
- Energy and High Efficiency
- Suitable for audio, video, information and communications technology equipment

Protection

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

Safety Standard

- 62368-1
- 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
- Meet DOE VII Draft

Emissions

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

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

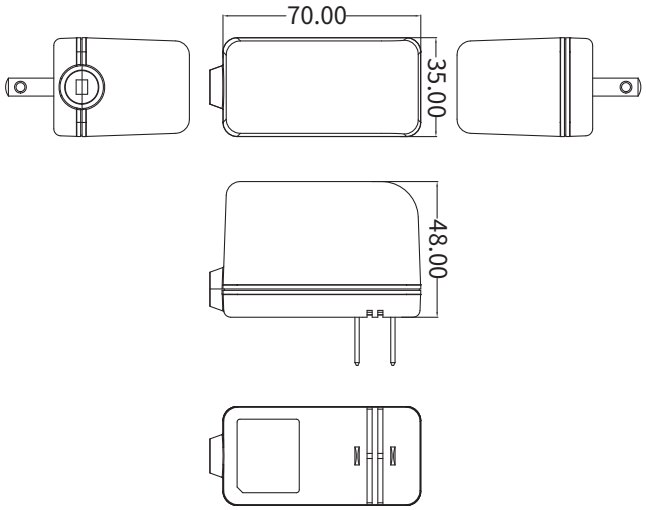
Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNVDxN3024-050030S	5.0V	3.0A	±5%	120mV	120mV	81.39%	0.1W	
UNVDxN3024-120020S	12.0V	2.0A	±5%	240mV	240mV	86.20%	0.1W	
UNVDxN3024-150016S	15.0V	1.6A	±5%	300mV	300mV	86.20%	0.1W	
UNVDxN3024-190012S	19.0V	1.26A	±5%	400mV	400mV	86.19%	0.1W	
UNVDxN3024-240010S	24.0V	1.0A	±5%	480mV	480mV	86.20%	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 Low ESR electrolytic capacitor to simulate system loading.

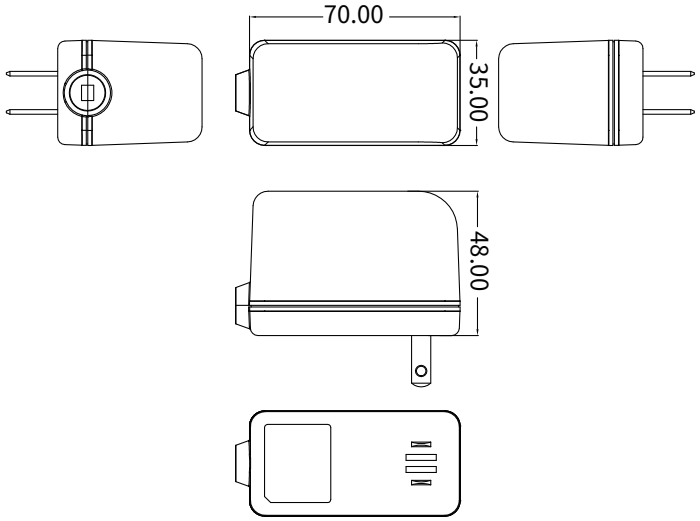
more detail on next page

Mechanical Spec

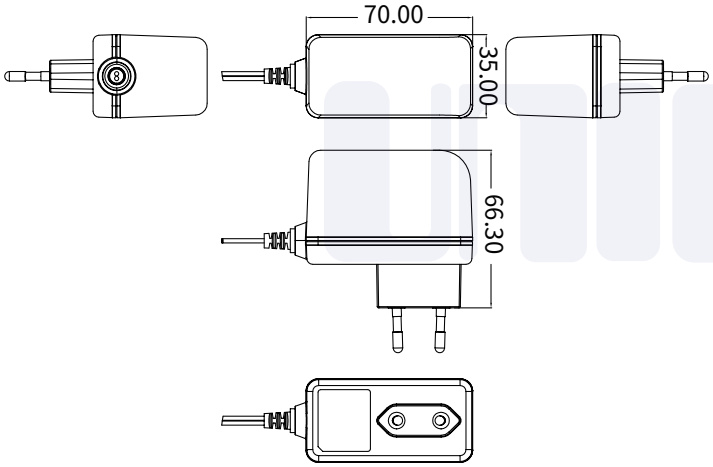
UNVDUN3024 Series



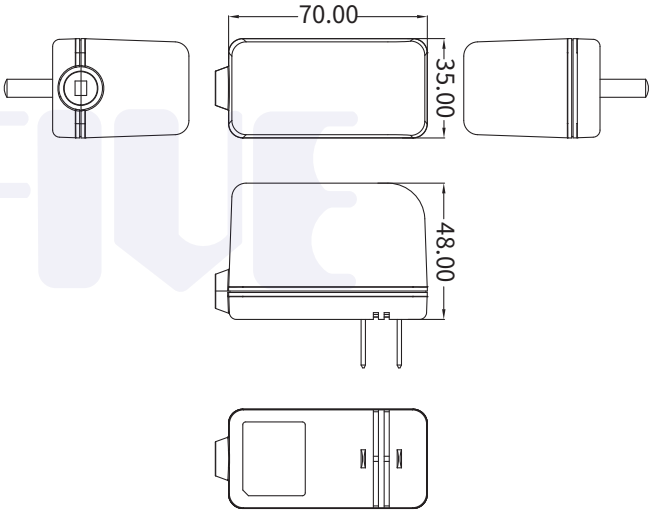
UNVDLN3024 Series



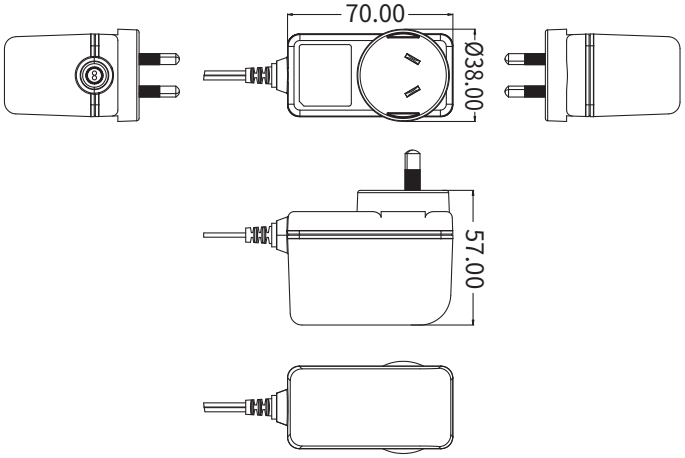
UNVDEN3024 Series



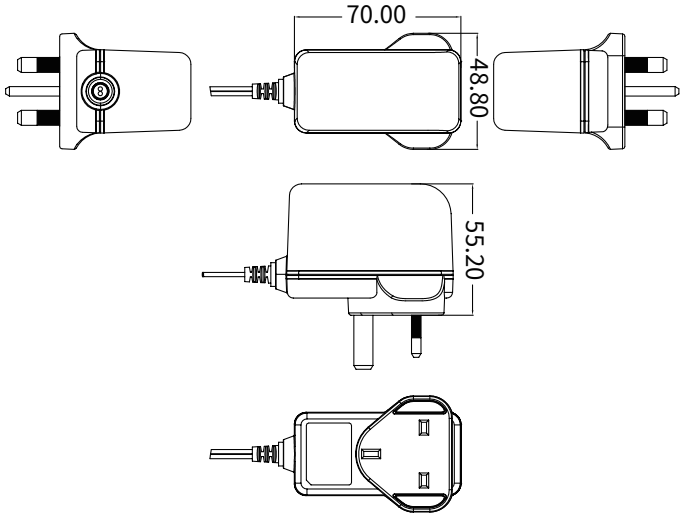
UNVDZN3024 Series



UNVDAN3024 Series

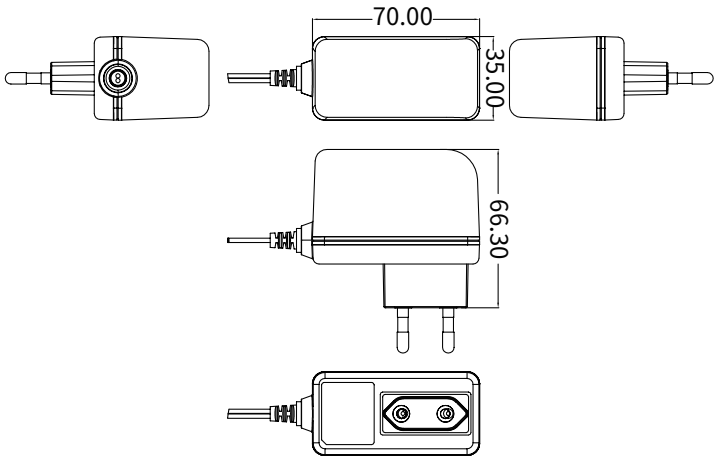


UNVDKN3024 Series



Mechanical Spec

UNVDRN3024 Series



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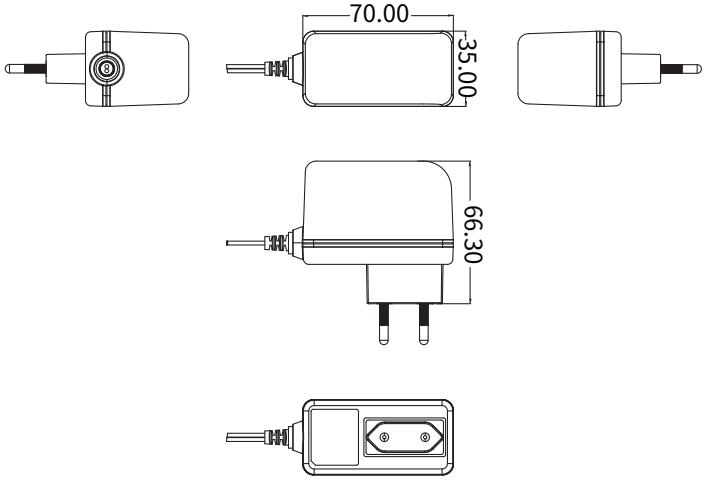
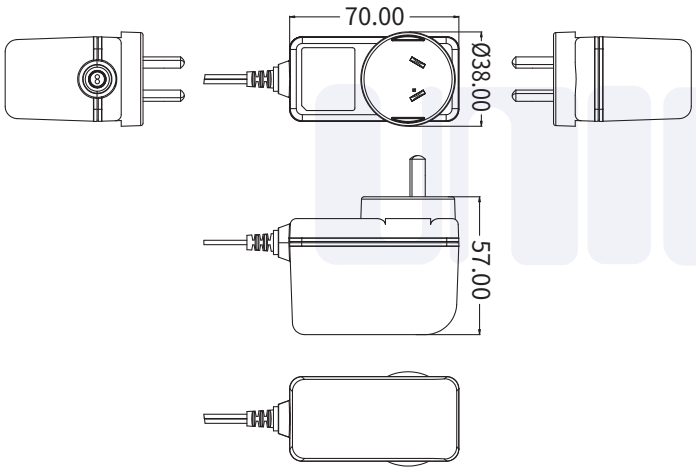


UNVDGN3024 Series



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