

# UN 18W Series

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



▲ UN118/UN318



▲ UNL118/UNL318



▲ UNY318



▲ UNZ318



▲ UNE318



▲ UNR318



▲ UNK318



▲ UNA318



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



### Product Highlights

- Stability
- Ultra Small Size
- Energy Efficiency
- Suit , Optical Network, ADSL Modem, Audio or Video Equipment

### Protection

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

### Safety Standard

- 60950-1
- 62368-1
- GB4943.1
- TP TC 004/2011
- 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
- GB9254/GB17625.1
- KN32 KN35
- TP TC 020/2011
- BS EN 55032

### Immunity

- EN 55035
- BS EN 55035

## 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             |

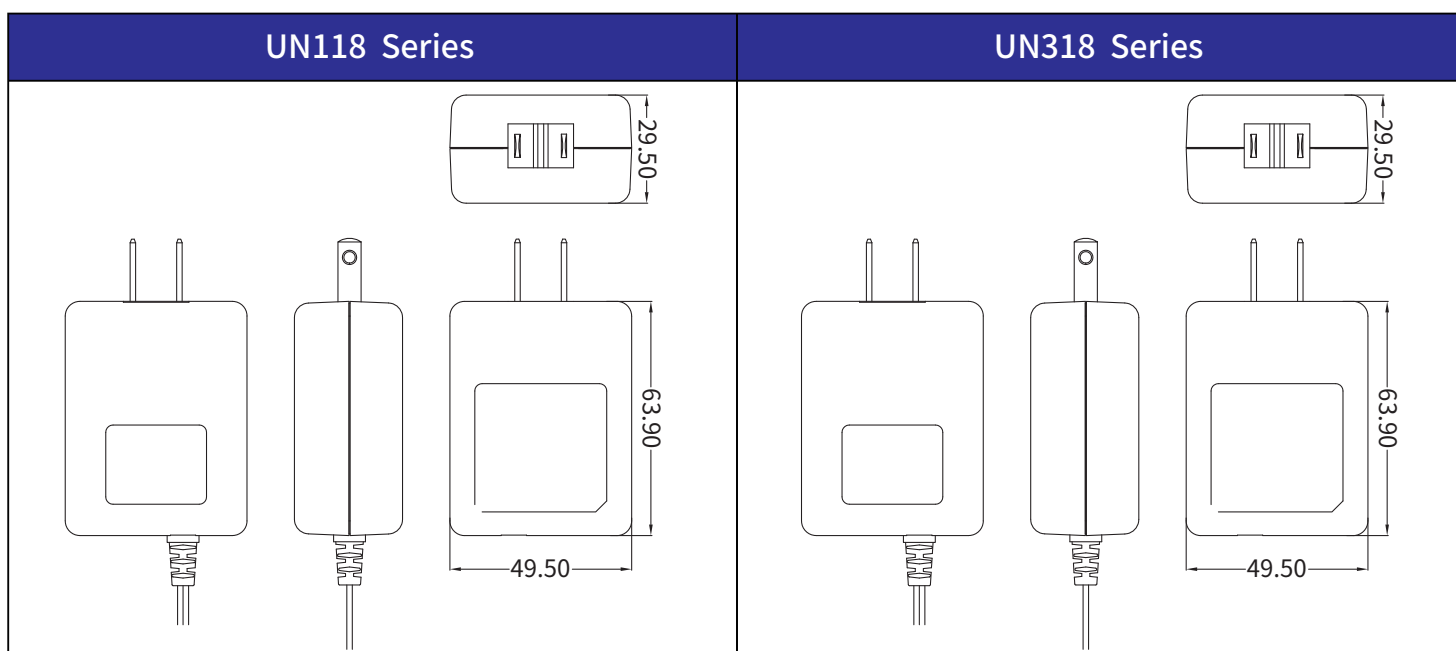
## Typical model list

| No. | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Average Active Efficiency | No-Load Power Consumption | Option/Remark |
|-----|-------------------|-------------------|--------------------------|--------|-------|---------------------------|---------------------------|---------------|
| 1   | 5.0V              | 2.6A              | ±5%                      | 150mV  | 150mV | 80.47%                    | 0.1W                      |               |
| 2   | 5.0V              | 3.0A              | ±5%                      | 150mV  | 150mV | 81.38%                    | 0.1W                      |               |
| 3   | 5.5V              | 3.0A              | ±5%                      | 150mV  | 150mV | 81.97%                    | 0.1W                      |               |
| 4   | 5.9V              | 2.8A              | ±5%                      | 150mV  | 150mV | 81.97%                    | 0.1W                      |               |
| 5   | 9.0V              | 2.0A              | ±5%                      | 120mV  | 180mV | 85.00%                    | 0.1W                      |               |
| 6   | 12.0V             | 1.5A              | ±5%                      | 120mV  | 240mV | 85.00%                    | 0.1W                      |               |
| 7   | 15.0V             | 1.2A              | ±5%                      | 200mV  | 240mV | 85.00%                    | 0.1W                      |               |
| 8   | 24.0V             | 0.75A             | ±5%                      | 240mV  | 240mV | 85.00%                    | 0.1W                      |               |
| 9   | 48.0V             | 0.4A              | ±5%                      | 480mV  | 960mV | 85.29%                    | 0.1W                      |               |

■ Measurement Condition

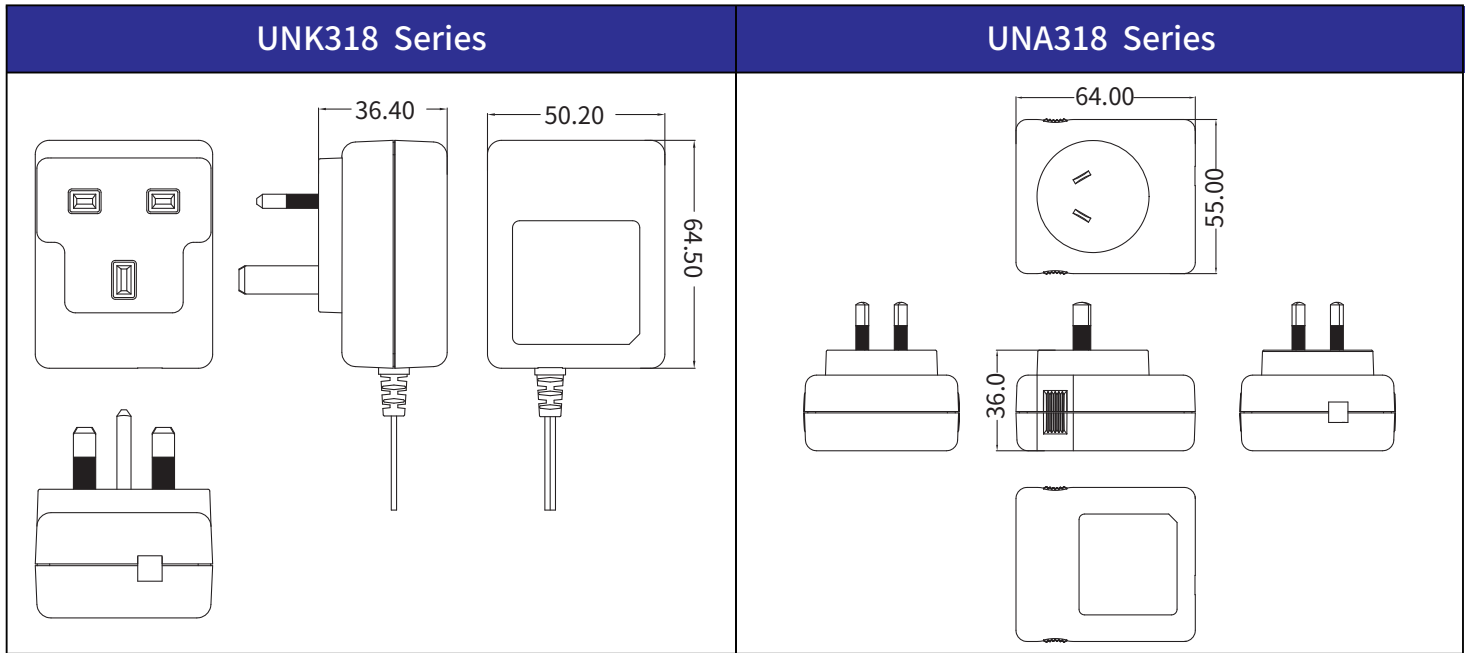
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

## Mechanical Spec



**Mechanical Spec**

| UNL118 Series                    | UNL318 Series                    |
|----------------------------------|----------------------------------|
| <p>64.00<br/>50.00<br/>34.80</p> | <p>64.00<br/>50.00<br/>34.80</p> |
| UNY318 Series                    | UNZ318 Series                    |
| <p>29.50<br/>63.90<br/>49.50</p> | <p>64.00<br/>50.00<br/>34.80</p> |
| UNE318 Series                    | UNR318 Series                    |
| <p>47.90<br/>50.20<br/>64.50</p> | <p>47.90<br/>50.20<br/>64.50</p> |



— the following blank —

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