

# UHDE 120W Series

UNIFIVE  
2023.11.13 V3

## Home Electronics and Appliances AC/DC Adaptor



▲ UHDET3120



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



### Product Highlights

- Stability
- Energy Efficiency
- Electric Cooker, Fan, Air Conditioning, Air Purifier

### Protection

- Short circuit protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

### Safety Standard

- 61558-1
- 60335-1
- 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

### Emissions

- FCC Part15 Class B
- VCCI Class B
- CE CISPR 14 EN55014-1
- BS EN55014-1

### Immunity

- EN55014-2
- BS EN55014-2

## Electrical Spec

| Input        |           |         |      |       |         |
|--------------|-----------|---------|------|-------|---------|
| Description  | Min.      | Typ.    | Max. | Units | Comment |
| Voltage      | 90        | 100~240 | 264  | Vac   |         |
| Frequency    | 47        | 50/60   | 63   | Hz    |         |
| Power Factor | ACIN 100V | 0.9     | -    | -     | -       |
|              | ACIN 230V | 0.9     | -    | -     | -       |

| 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              |

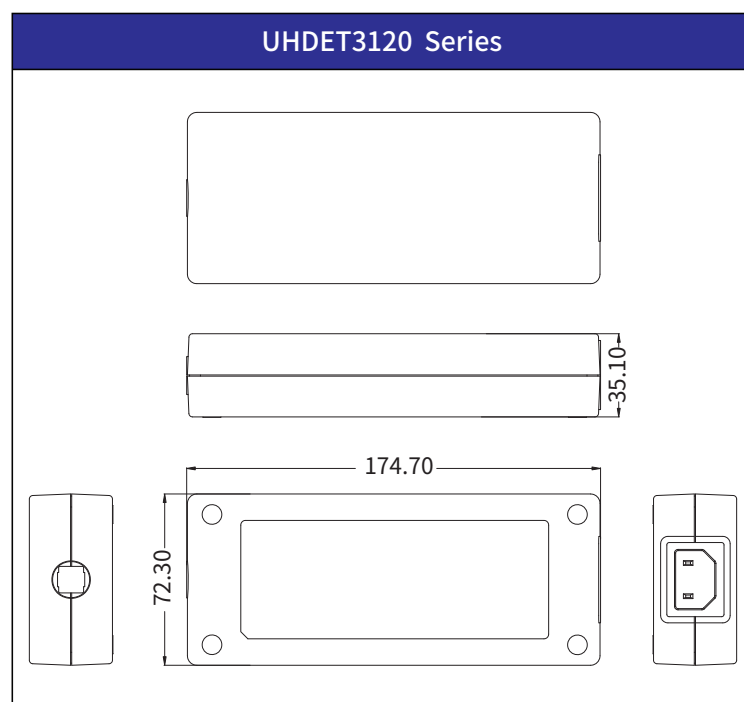
## Typical model list

| No. | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Average Active Efficiency | No-Load Power Consumption | Option/Remark |
|-----|-------------------|-------------------|--------------------------|--------|-------|---------------------------|---------------------------|---------------|
| 1   | 12.0V             | 10.0A             | ±5%                      | 150mV  | 240mV | 88.00%                    | 0.21W                     |               |
| 2   | 15.0V             | 8.0A              | ±5%                      | 150mV  | 240mV | 88.00%                    | 0.21W                     |               |
| 3   | 19.0V             | 6.3A              | ±5%                      | 190mV  | 360mV | 88.00%                    | 0.21W                     |               |
| 4   | 24.0V             | 5.0A              | ±5%                      | 240mV  | 480mV | 88.00%                    | 0.21W                     |               |

■ Measurement Condition

- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- 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



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