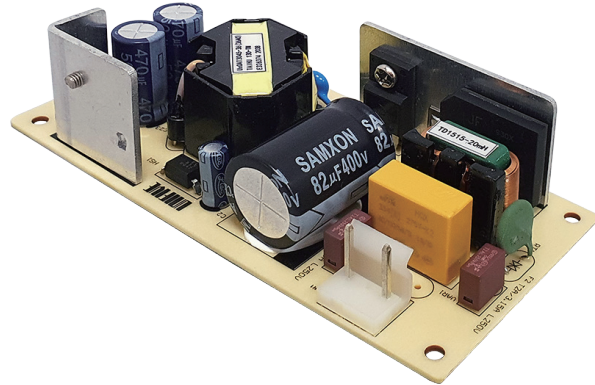


# UxOAT 45W Series

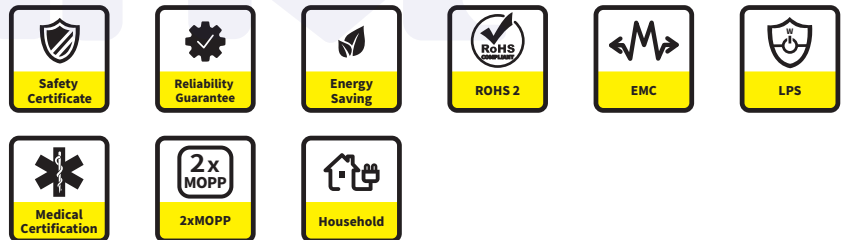
Medical/Home/I.C.T. - Open Frame  
Standard Product



▲ UxOAT3045



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



## Model Name Definition

# UxOAT3045

x : Depend on Safety Standard

- M 60601-1
- H 61558-1/60335-1
- N 62368-1/60065-1/60950-1

## Product Highlights

- Stability
- Energy and High Efficiency
- PCB Size 1.9"x 4.1"(inch)
- 2xMOPP
- Suitable for medical equipment
- Suitable for home appliances
- Suitable for equipment which meet 60335
- Appendix 8 of PSE : comply with dusty requirement
- Suitable for devices with built-in power supply
- The lifespan of the power supply is 5 years.

## Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

## Safety Standard

- 62368-1
- 60601-1
- 61558-1
- 60335-1
- PSE 別表第八  
100V 基準に準拠

## Efficiency

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

## Emissions

- FCC
  - FCC Part15-B
  - FCC Part18-B
- CE
  - EN(CISPR)55032-B
  - EN(CISPR)55011-B
  - EN(CISPR)55014-B
- BS EN 55032
- BS EN55011
- BS EN55014-1

## Immunity

- EN55035
- BS EN 55035
- EN60601-1-2
- BS EN60601-1-2
- EN55014-2
- BS EN55014-2

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

more detail on next page

# 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    | -    | 50   | °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

| Output Port | Model Name         | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Option / Remark |
|-------------|--------------------|-------------------|-------------------|--------------------------|--------|-------|-----------------|
| CN2         | UNOAT3045-120038SA | 12.0V             | 3.8A              | ±5%                      | 240mV  | 300mV |                 |
|             | UNOAT3045-150030SA | 15.0V             | 3.0A              | ±5%                      | 240mV  | 300mV |                 |
|             | UNOAT3045-190024SA | 19.0V             | 2.4A              | ±5%                      | 240mV  | 300mV |                 |
|             | UNOAT3045-240019SA | 24.0V             | 1.9A              | ±5%                      | 240mV  | 300mV |                 |
|             | UNOAT3045-350013SA | 35.0V             | 1.3A              | ±5%                      | 240mV  | 300mV |                 |
|             | UNOAT3045-480930SA | 48.0V             | 0.93A             | ±5%                      | 240mV  | 300mV |                 |

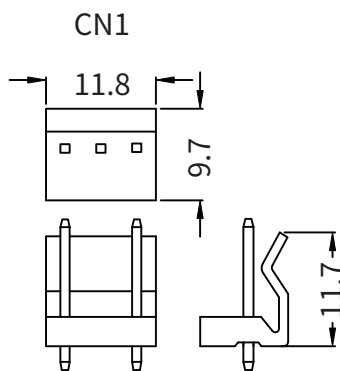
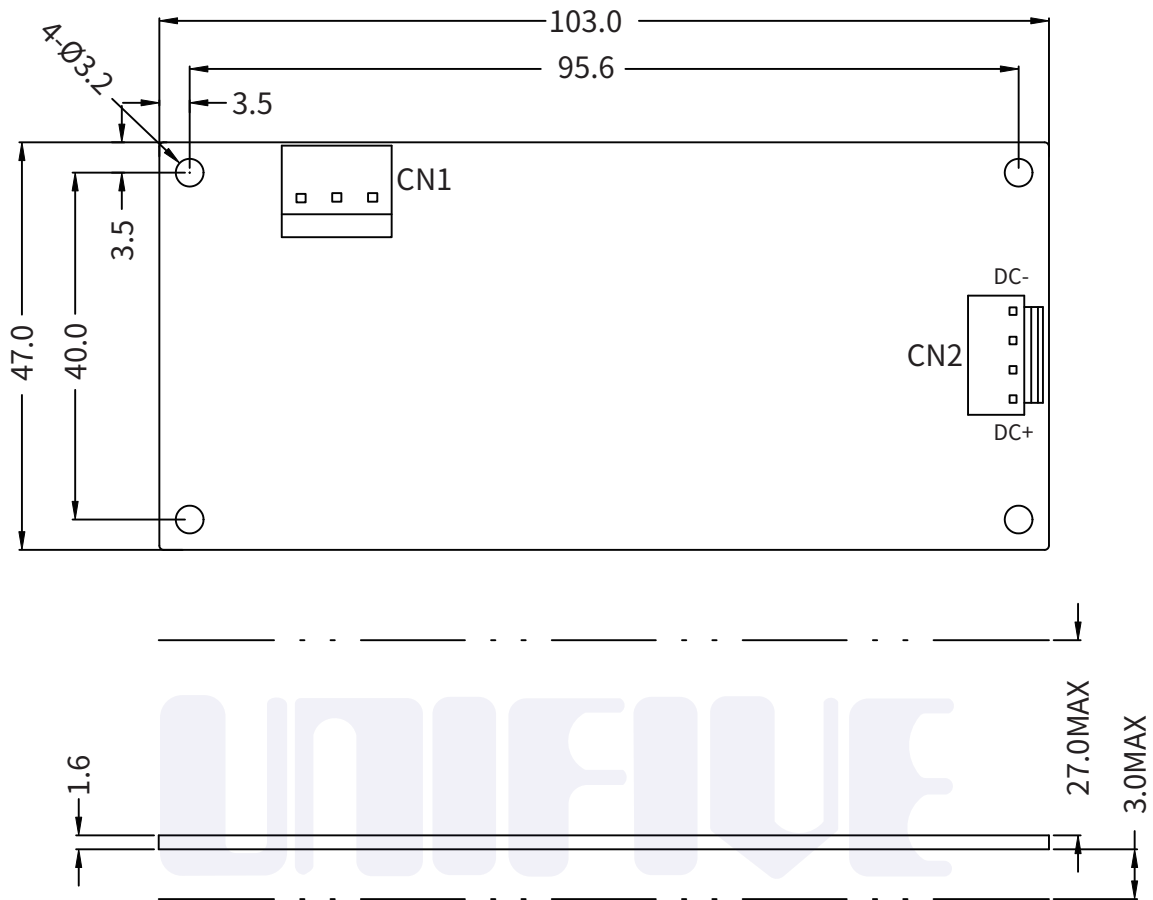
■ Measurement Condition

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.

more detail on next page

# Mechanical Spec

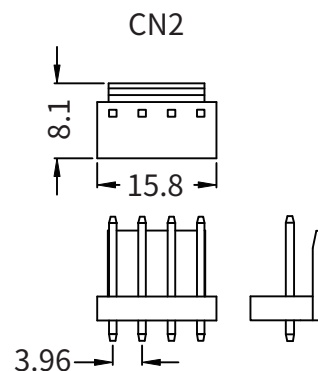
TOLERANCE:  $\pm 0.5$   
Unit: mm



**CN1**

| PIN NUMBER | INPUT |
|------------|-------|
| 1          | AC(L) |
| 2          |       |
| 3          | AC(N) |

CN1 : INPUT CONNECT  
Specifications are equivalent to models of JST B3P-VH (NO PIN2)



**CN2**

| PIN NUMBER | OUTPUT |
|------------|--------|
| 1,2        | DC-    |
| 3,4        | DC+    |

CN2 : OUTPUT CONNECT  
Specifications are equivalent to models of JST B4P-VH

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