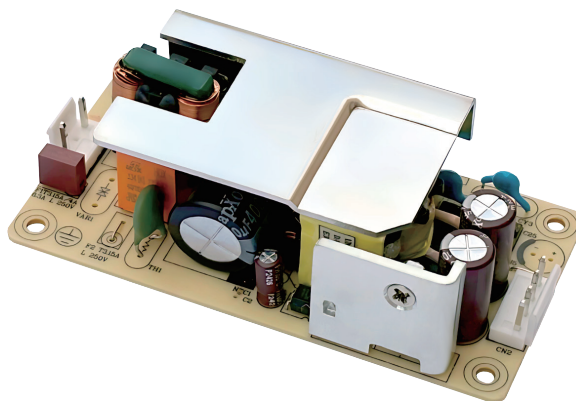


# UxOYT 65W Series

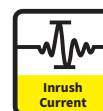
Home/I.C.T. - Open Frame  
Standard Product



▲ UxOYT3065 Series



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



## Model Name Definition

# UxOYT 3065

x : Depend on Safety Standard

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

## Product Highlights

- Stability
- Energy and High Efficiency
- PCB Size 2" × 4"(inch)
- 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

## 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
  - EN(CISPR)55014-B
- BS EN 55032
- BS EN55014-1

## Safety Standard

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

## Immunity

- EN55035
- BS EN 55035
- 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

## 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         | UxOYT3065-120054SA | 12.0V             | 5.4A              | ±5%                      | 120mV  | 120mV |                 |
|             | UxOYT3065-150043SA | 15.0V             | 4.3A              | ±5%                      | 150mV  | 150mV |                 |
|             | UxOYT3065-190034SA | 19.0V             | 3.42A             | ±5%                      | 190mV  | 190mV |                 |
|             | UxOYT3065-240027SA | 24.0V             | 2.7A              | ±5%                      | 240mV  | 240mV |                 |
|             | UxOYT3065-480013SA | 48.0V             | 1.35A             | ±5%                      | 300mV  | 300mV |                 |
|             | UxOYT3065-540012SA | 54.0V             | 1.2A              | ±5%                      | 300mV  | 300mV |                 |

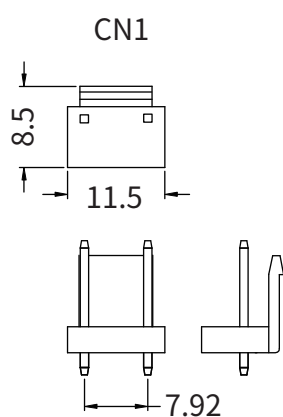
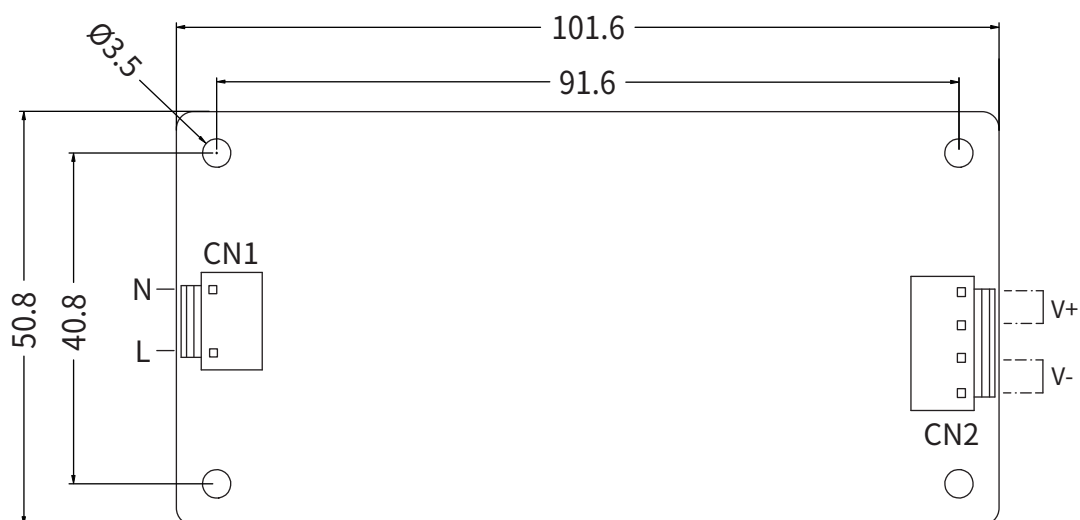
### ■ Measurement Condition

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

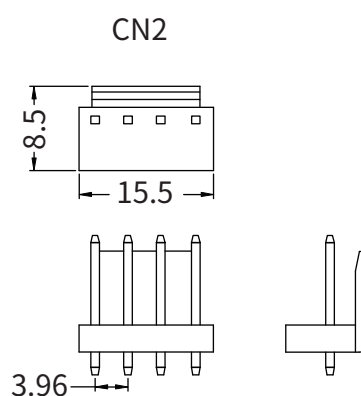
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF Low ESR electrolytic capacitor to simulate system loading.

# Mechanical Spec

**TOLERANCE:  $\pm 0.5$**   
**Unit: mm**



| CN1                                                                          |       |
|------------------------------------------------------------------------------|-------|
| PIN NUMBER                                                                   | INPUT |
| 1                                                                            | AC(L) |
| 2                                                                            |       |
| 3                                                                            |       |
| CN1 : INPUT CONNECT<br>Specifications are equivalent to models of JST B3P-VH |       |



| CN2                                                                           |        |
|-------------------------------------------------------------------------------|--------|
| PIN NUMBER                                                                    | OUTPUT |
| 1,2                                                                           | V+     |
| 3,4                                                                           | V-     |
| CN2 : OUTPUT CONNECT<br>Specifications are equivalent to models of JST B4P-VH |        |

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