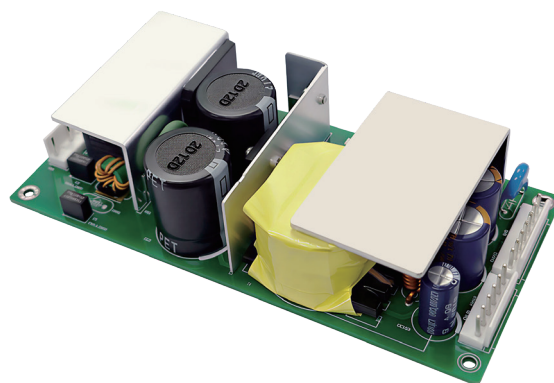


# UxOWT 150W Series

**Industrial Power Supply**  
**Standard Product**  
**Compact 3" × 6.3"**



▲ UxOWT1150 Series



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



## Model Name Definition

# U x O W T 1 1 5 0

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 3"x 6.3"(inch)
- Suitable for medical equipment
- Suitable for home appliances
- Suitable for equipment which meet 60335
- Appendix 8 of PSE :  
comply with dusty requirement
- SEMI F47  
Valid if VAC.input > 200V
- Up to 5-Year Warranty
- Correspond to OVC III (2000m)
- Operating altitude Up to 5,000m
- Suitable for industrial equipment

## Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Brown In and Brown Out Protection

## Safety Standard

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

## Efficiency

- Up to 88%

## Emissions

- FCC
  - FCC Part15-B
  - FCC Part18-B

## Electrical Spec

| Input       |      |         |      |       |         |
|-------------|------|---------|------|-------|---------|
| Description | Min. | Typ.    | Max. | Units | Comment |
| Voltage     | 90   | 100~120 | 132  | 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 |
|--------------------------|--------------------|-------------------|-------------------|--------------------------|--------|-------|-----------------|
| CN101 (+V)<br>CN102 (-V) | UxOWT1150-120125SA | 12.0V             | 12.5A             | ±5%                      | 120mV  | 240mV |                 |
|                          | UxOWT1150-240063SA | 24.0V             | 6.3A              | ±5%                      | 240mV  | 480mV |                 |
|                          | UxOWT1150-360041SA | 36.0V             | 4.16A             | ±5%                      | 360mV  | 480mV |                 |
|                          | UxOWT1150-480031SA | 48.0V             | 3.13A             | ±5%                      | 480mV  | 480mV |                 |

### ■ Measurement Condition

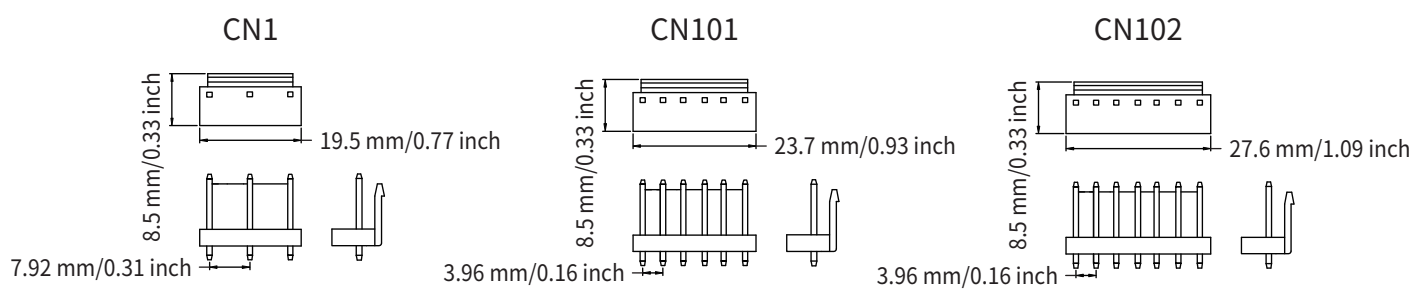
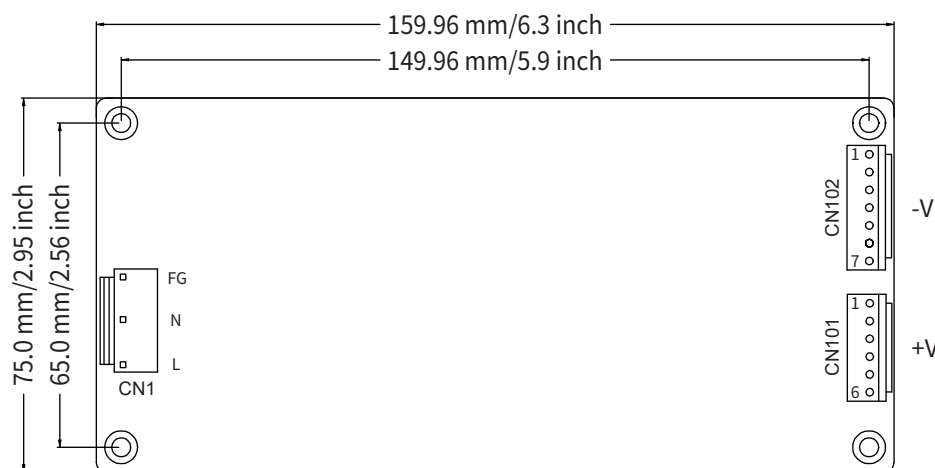
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF Low ESR electrolytic capacitor to simulate system loading.

# Mechanical Spec

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

**Unit: mm/inch**

**Mounting Holes: 4- $\varnothing 3.50$  mm**



**CN1**

| PIN NUMBER                                                                         | INPUT |
|------------------------------------------------------------------------------------|-------|
| 1                                                                                  | AC(L) |
| 2                                                                                  |       |
| 3                                                                                  |       |
| 4                                                                                  | AC(N) |
| 5                                                                                  |       |
|                                                                                    |       |
| CN1 : INPUT CONNECT<br>Specifications are<br>equivalent to models of<br>JST B5P-VH |       |

**CN101**

| PIN NUMBER                                                                   | OUTPUT |
|------------------------------------------------------------------------------|--------|
| 1-6                                                                          | +V     |
| CN101 : OUTPUT CONNECT Specifications are equivalent to models of JST B6P-VH |        |

**CN102**

| PIN NUMBER                                                                   | OUTPUT |
|------------------------------------------------------------------------------|--------|
| 1-7                                                                          | -V     |
| CN102 : OUTPUT CONNECT Specifications are equivalent to models of JST B7P-VH |        |

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