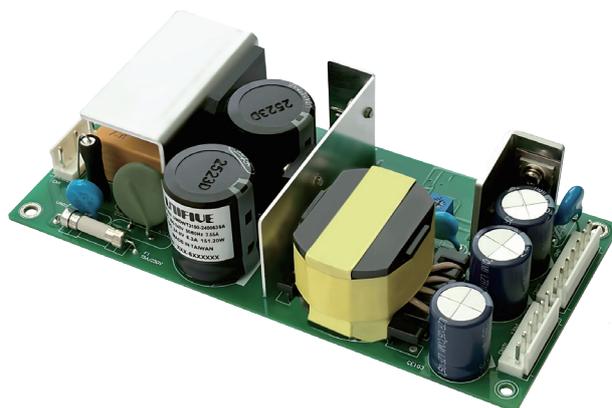


# UxOWT 150W Series

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



## UNIFIVE ▲ UxOWT3150 Series



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



### Model Name Definition

# UxOWT3150

**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
- 5 years 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
- 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
CN101 (+V) CN102 (-V)	UxOWT3150-120125SA	12.0V	12.5A	±5%	120mV	240mV	
	UxOWT3150-240063SA	24.0V	6.3A	±5%	240mV	480mV	
	UxOWT3150-360041SA	36.0V	4.16A	±5%	360mV	480mV	
	UxOWT3150-480031SA	48.0V	3.13A	±5%	480mV	480mV	

■ Measurement Condition

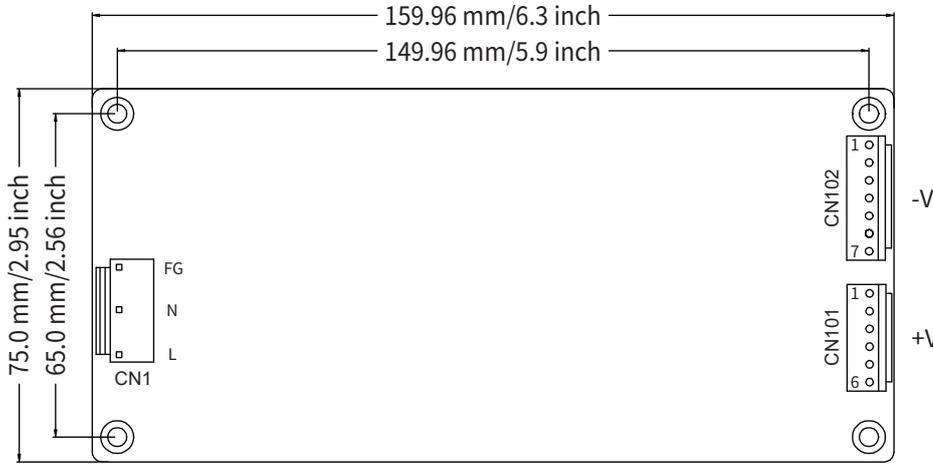
- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF Low ESR electrolytic capacitor to simulate system loading.

more detail on next page

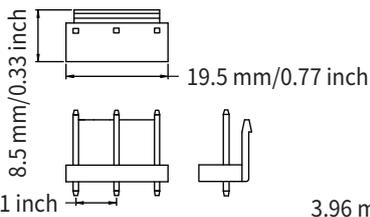
# Mechanical Spec

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

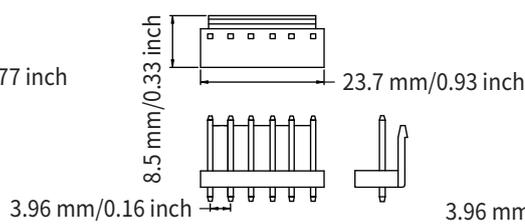
**Mounting Holes: 4- $\varnothing 3.5$  mm**



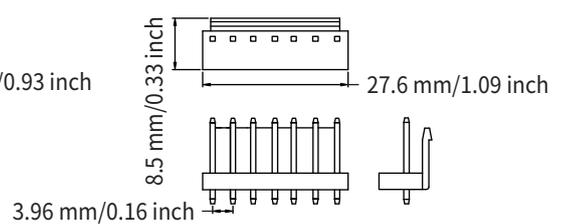
**CN1**



**CN101**



**CN102**



**CN1**

PIN NUMBER	INPUT
1	AC(L)
2	
3	AC(N)
4	
5	FG

**CN1 : INPUT CONNECT**  
**Specifications are equivalent to models of 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 ■