

# UMOWT 150W Series

Medical - Open Frame  
Compact 3" × 6.3"



▲ UMOWT3150 Series



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



## Model Name Definition

**UxOwT 150**

**x : Depend on Safety Standard**

- A 60065-1
- O 60335-1
- I 60950-1
- H 61558-1
- N 62368-1

## Product Highlights

- Stability
- Energy and High Efficiency
- Small Size
- Flexibility
- Meet Complies with IEC61000-3-2
- 2xMOPP/2xMOOP
- Suitable for medical equipment
- Appendix 8 of PSE : Comply with Dusty Requirement.

## Protection

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

## Safety Standard

- 60601-1
- PSE 別表第八  
100V 基準に準拠

## Efficiency

- Up to 88%

## Emissions

- FCC
    - FCC Part18-B
  - CE
    - EN(CISPR)55011-B
  - VCCI-B
- (\*Power supply with AC inlet filter mounted in user's metal chassis)

## Immunity

- EN60601-1-2
- 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
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

Model Name	Output Port	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise
UMOWT3150-120125SA	CON101 (+V) CON102 (-V)	12.0V	12.5A	±5%	120mV	240mV
UMOWT3150-240063SA		24.0V	6.3A	±5%	240mV	480mV
UMOWT3150-360041SA		36.0V	4.16A	±5%	360mV	480mV
UMOWT3150-480031SA		48.0V	3.13A	±5%	480mV	480mV

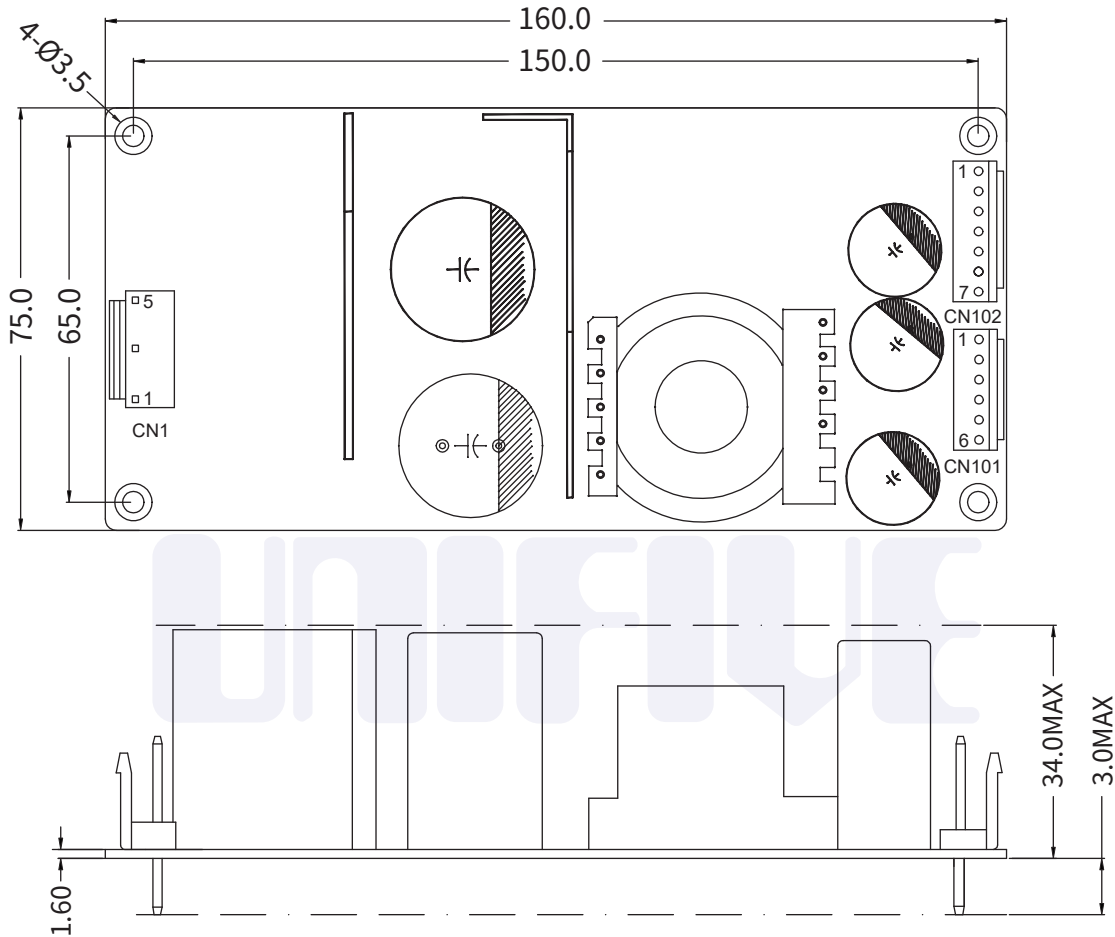
■ Measurement Condition

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 electrolytic capacitor to simulate system loading.

# Mechanical Spec

**TOLERANCE: ±0.5**  
**Unit:mm**



**CN1**

PIN NUMBER	INPUT
1	AC(L)
2	
3	AC(N)
4	
5	FG
<b>CON1 : INPUT CONNECT</b> <b>MODEL NO : 5P-VH-B</b> <b>(THE EQUIVALENT)</b>	

**CON101**

PIN NUMBER	OUTPUT
1-6	+V
<b>CON101 : OUTPUT CONNECT</b> <b>MODEL NO : B6P-VH</b> <b>(THE EQUIVALENT)</b>	

**CON102**

PIN NUMBER	OUTPUT
1-7	-V
<b>CON102 : OUTPUT CONNECT</b> <b>MODEL NO : B7P-VH</b> <b>(THE EQUIVALENT)</b>	

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