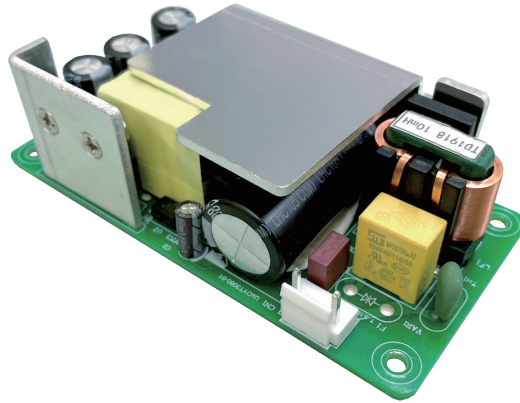


# UxOYT 80W Series

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



▲ UxOYT3080 Series



Safety Certificate



Reliability Guarantee



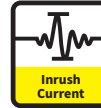
Energy Saving



ROHS 2



EMC



Inrush Current



Household

CE UK CA FC

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

## Model Name Definition

# UxOYT 3080

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
- Over Temperature Protection (optional)

## 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	UNOYT3080-120066SA	12.0V	6.6A	±5%	240mV	240mV	
	UNOYT3080-150053SA	15.0V	5.3A	±5%	240mV	240mV	
	UNOYT3080-240033SA	24.0V	3.3A	±5%	240mV	240mV	
	UNOYT3080-480016SA	48.0V	1.6A	±5%	300mV	300mV	
	UNOYT3080-540014SA	54.0V	1.4A	±5%	300mV	300mV	

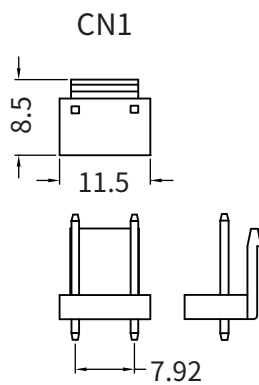
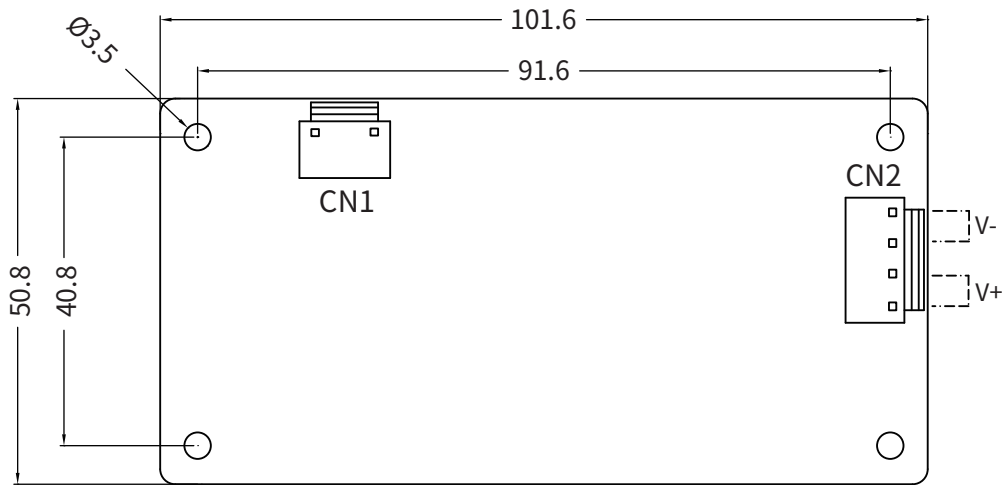
■ Measurement Condition

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 electrolytic capacitor to simulate system loading.

# Mechanical Spec

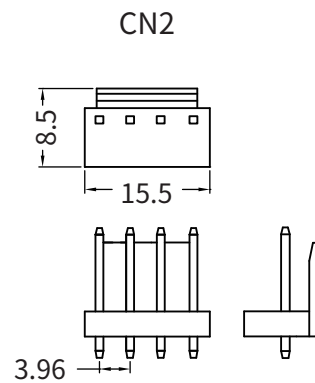
**TOLERANCE: ±0.5**  
**Unit: mm**



**CN1**

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

**CN1 : INPUT CONNECT**  
Specifications are equivalent to models of JST B3P-VH



**CN2**

PIN NUMBER	OUTPUT
1,2	V-
3,4	V+

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

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