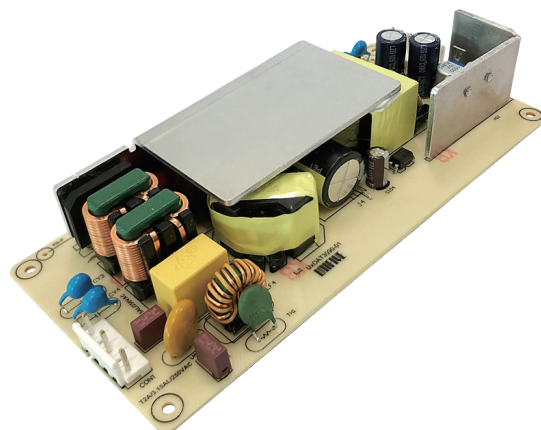
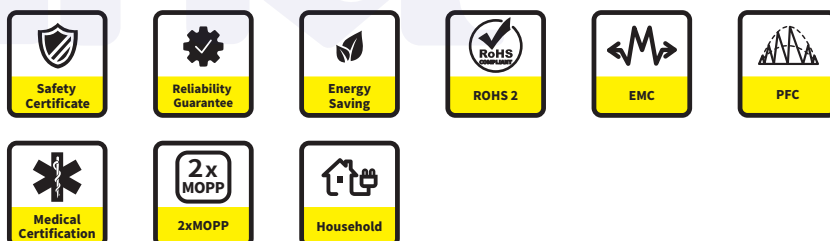


UxOAT 90W Series

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



▲ UxOAT3090



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

Model Name Definition

UxOAT3090

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 6.5"(inch)
- 2xMOPP
- Suitable for medical equipment
- 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
- The lifespan of the power supply is 5 years.

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

Safety Standard

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

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

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		
Power Factor	ACIN 100V	0.9	-	-	-	
	ACIN 230V	0.9	-	-	-	

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
CON2	UxOAT3090-120075SA	12.0V	7.5A	±5%	300mV	400mV	
	UxOAT3090-150060SA	15.0V	6.0A	±5%	300mV	400mV	
	UxOAT3090-190047SA	19.0V	4.73A	±5%	300mV	400mV	
	UxOAT3090-240037SA	24.0V	3.75A	±5%	300mV	400mV	

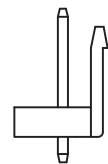
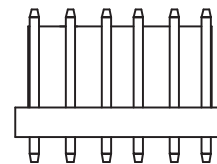
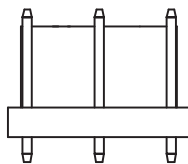
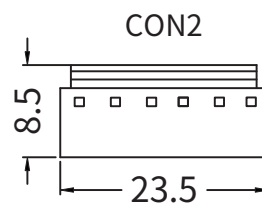
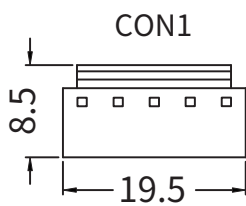
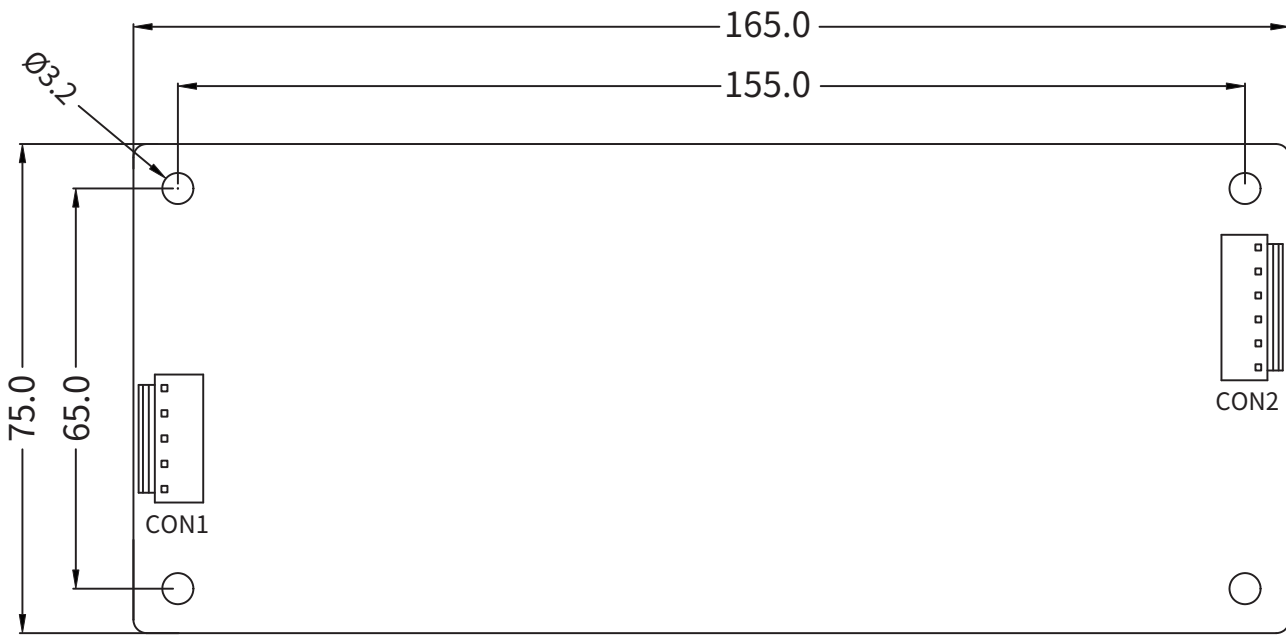
■ Measurement Condition

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.

more detail on next page

Mechanical Spec

TOLERANCE: ±0.5
Unit:mm



CON1

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

CON1 : INPUT CONNECT
Specifications are equivalent to models of JST B5P-VH (NO PIN2/4)

CON2

PIN NUMBER	OUTPUT
1,2,3	V+
4,5,6	V-

CON2 : OUTPUT CONNECT
Specifications are equivalent to models of JST B6P-VH

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