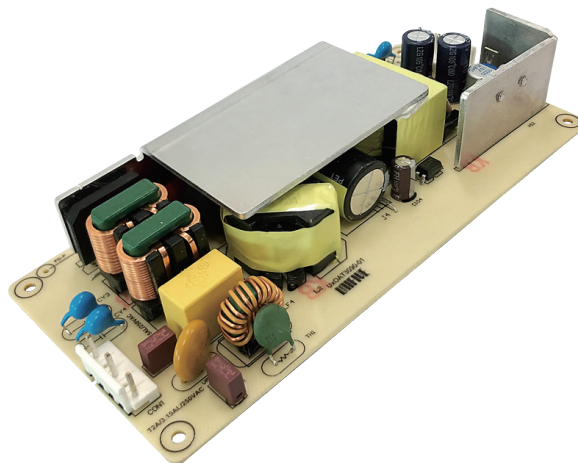


UxOAT 90W Series

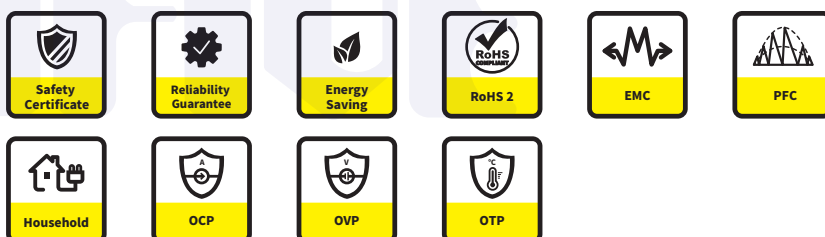
Open Frame Switching Power Supply



▲ UxOAT3090



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



Model Name Definition

UxOAT3090

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
- Flexibility
- Meet complies with IEC61000-3-2
- Power factor correction
- Full Range Input Voltage (90Vac~264Vac)
- Suit computer device, portable HDD, small house hold equipment
- Appendix 8 of PSE : Comply with Dusty Requirement.

Protection

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

Safety Standard

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

Efficiency

- Up to 88%

Emissions

- FCC
 - FCC Part15-B
- CE
 - EN(CISPR)55032-B
 - EN(CISPR)55014-B
- VCCI-B

Immunity

- EN55035
- 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
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	

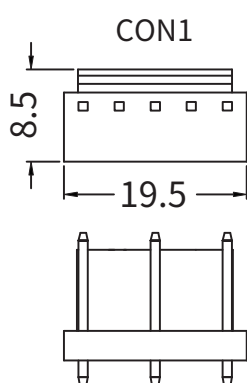
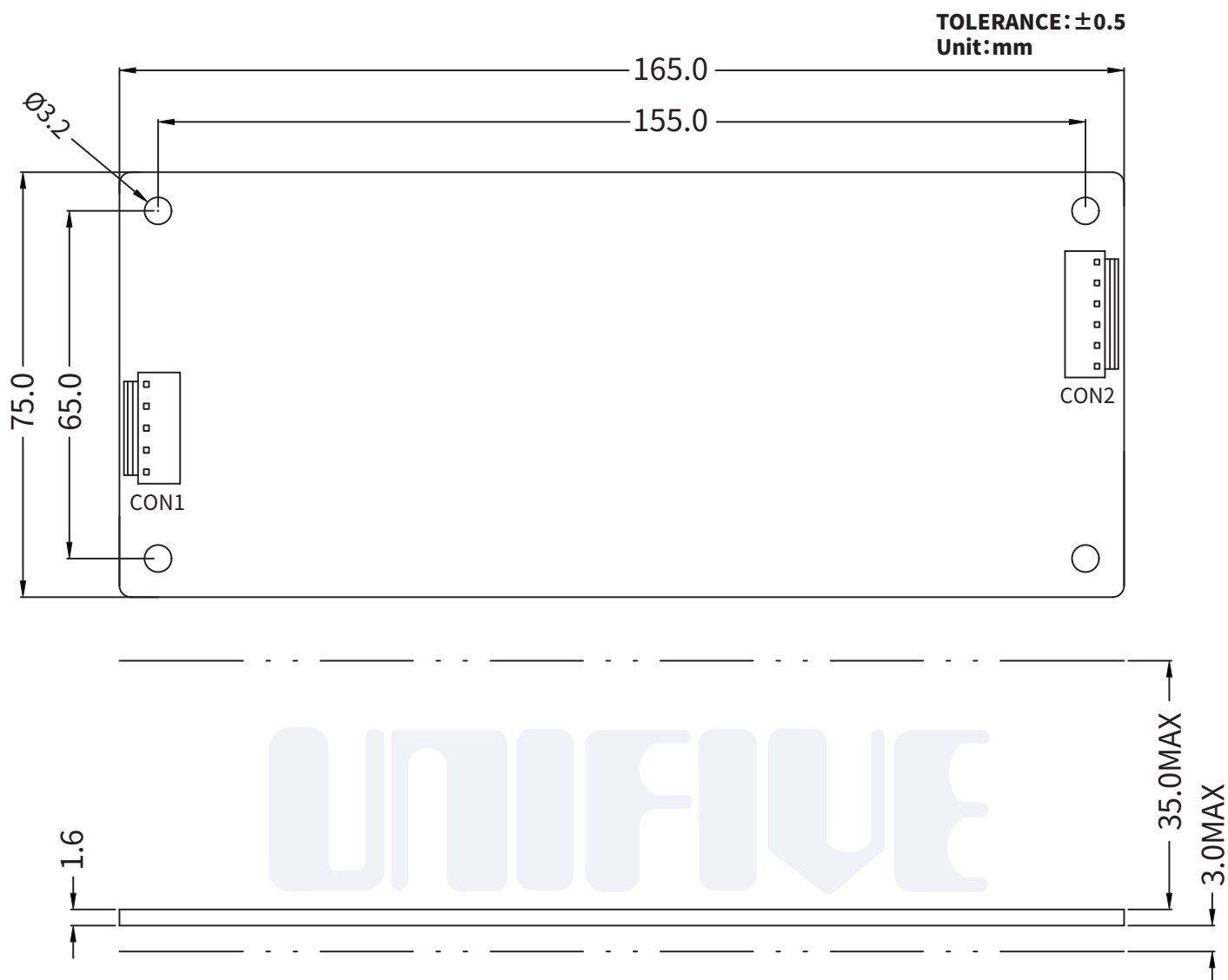
Typical model list

Model Name	Output Port	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency
UxOAT3090-120075SA	CN2	12.0V	7.5A	±5%	150mV	150mV	88.00%
UxOAT3090-150060SA		15.0V	6.0A	±5%	150mV	240mV	88.00%
UxOAT3090-190047SA		19.0V	4.73A	±5%	240mV	360mV	88.00%
UxOAT3090-240037SA		24.0V	3.75A	±5%	240mV	480mV	88.00%

■ Measurement Condition

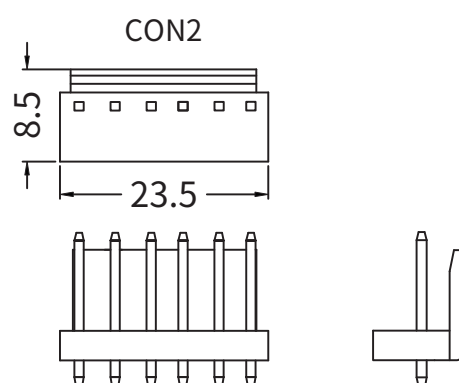
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec



CON1

PIN NUMBER	INPUT
1	AC(L)
2	AC(N)
3	
CON1 : INPUT CONNECT MODEL NO : JSW A3963WV-5P 5PIN PIN2,4無 (THE EQUIVALENT)	



CON2

PIN NUMBER	OUTPUT
1,2,3	DC+
4,5,6	DC-
CON2 : OUTPUT CONNECT MODEL NO : JSW 6PIN A3961WV-6P P=3.96 (THE EQUIVALENT)	

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