

# UxOAT 300W Series

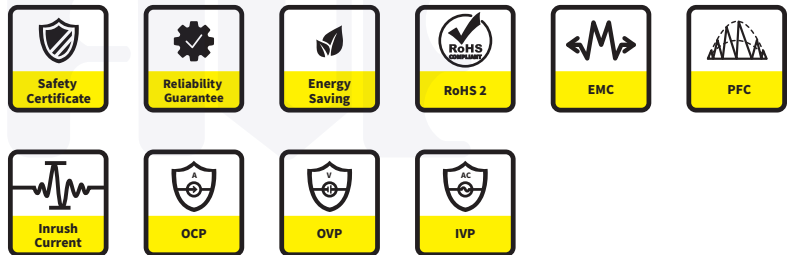
**Industrial Power Supply**  
**Standard Product**  
**Compact 3" × 5"**



▲ UxOAT3300 Series

**CB CE UK CA FC**

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



## Model Name Definition

**UxOAT3300**

**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
- Small Size
- Meet Complies with IEC61000-3-2
- Power Factor Correction
- Full Range Input Voltage (90Vac~264Vac)
- Appendix 8 of PSE : Comply with Dusty Requirement.

## Efficiency

- Up to 92%

## Protection

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

## Emissions

- FCC
    - FCC Part15-B
  - CE
    - EN(CISPR)55032-B
    - EN(CISPR)55014-B
  - VCCI-B
- (\*Power supply with AC inlet filter mounted in user's metal chassis)

## Safety Standard

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

## Immunity

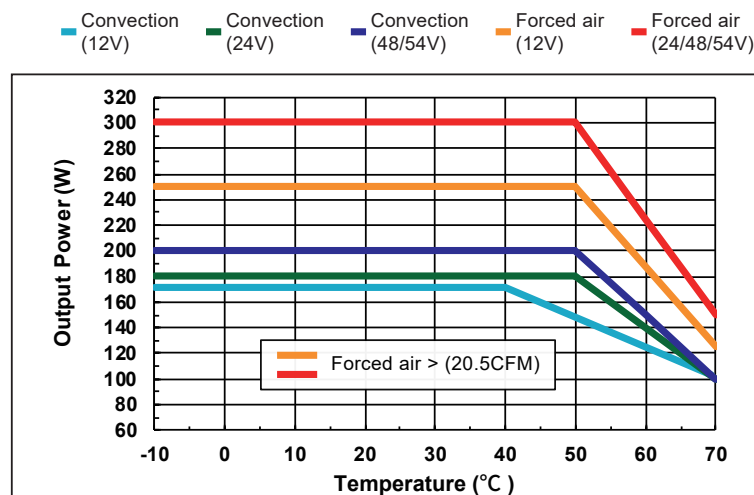
- EN55035
  - EN55014-2
- The above specifications include the following test standards
- ✓ EN61000-4-2
  - ✓ EN61000-4-3
  - ✓ EN61000-4-4
  - ✓ EN61000-4-5
  - ✓ EN61000-4-6
  - ✓ EN61000-4-8
  - ✓ EN61000-4-11

## Electrical Spec

Input					
Description	Min.	Typ.	Max.	Units	
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	
Power Factor	ACIN 100V	-	0.95	-	-
	ACIN 230V	-	0.9	-	-

Environmental						
Description	Min.	Typ.	Max.	Units	Comment	
Operating Temperature	-10	-	70	°C	Refer to Derating Curve(*1)	
Storage Temperature	-20	-	85	°C	Free Convection,Sea Level	
Operating Humidity	5	-	95	%RH	No Condensing	
Storage Humidity	5	-	95	%RH	No Condensing	

## Derating Curve(\*1)



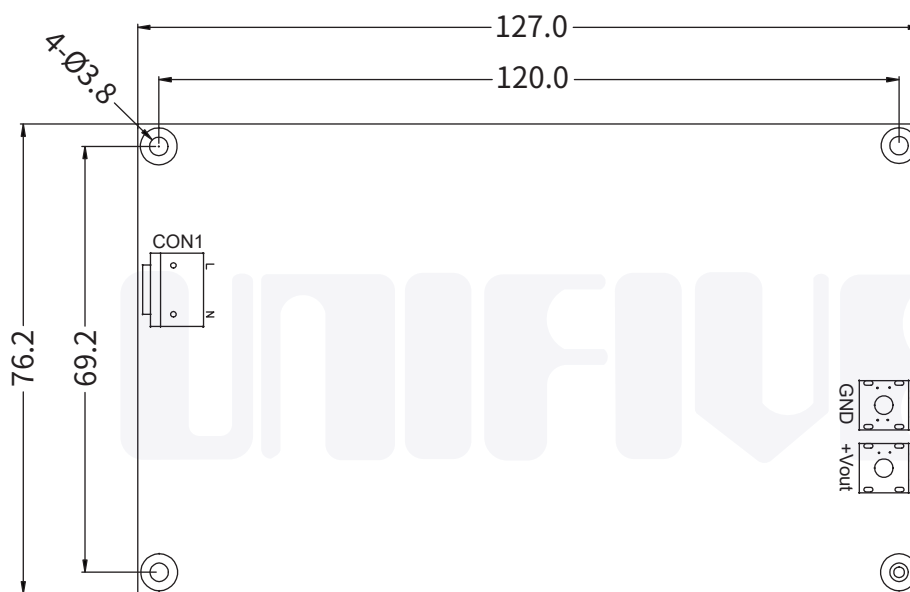
# Typical model list

Model Name	Output Port	DC Output Voltage	DC Output Current		Output Voltage Precision	Ripple	Noise
			Free Convection	Forced Air (*2)			
UxOAT3300-120208SA	CON101 CON102	12.0V	12.5A	20.83A	±4%	120mV	240mV
UxOAT3300-240125SA		24.0V	7.5A	12.5A	±4%	240mV	480mV
UxOAT3300-480063SA		48.0V	4.16A	6.25A	±4%	480mV	480mV
UxOAT3300-540056SA		54.0V	3.7A	5.56A	±4%	480mV	480mV

■ Measurement Condition

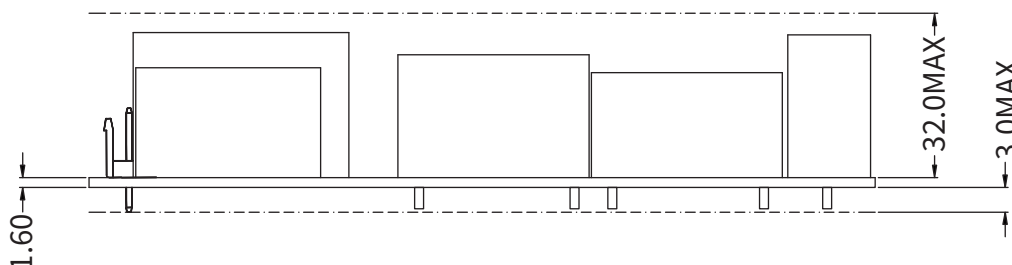
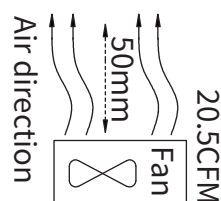
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
  2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.
- (\*2) Condition for forced air is no less than 20.5CFM.

# Mechanical Spec



**TOLERANCE: ±0.5**  
**Unit: mm**

**Mounting Holes: 4-Ø3.80**



**CON1**

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

CON1 : INPUT CONNECT  
Specifications are equivalent to models of A3963WV-3P

**CON101**

PIN NUMBER	OUTPUT
1	+Vout

CON101 : OUTPUT CONNECT  
Specifications are equivalent to models of PCB-10

**CON102**

PIN NUMBER	OUTPUT
1	GND

CON102 : OUTPUT CONNECT  
Specifications are equivalent to models of PCB-10

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