

UxOAT 300W Series

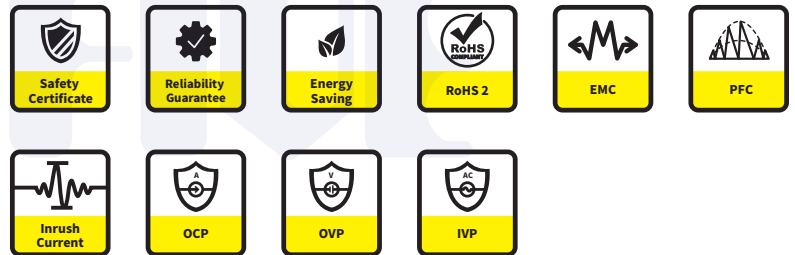
Open Frame Switching Power Supply
Compact 3" × 5"



▲ 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

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

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

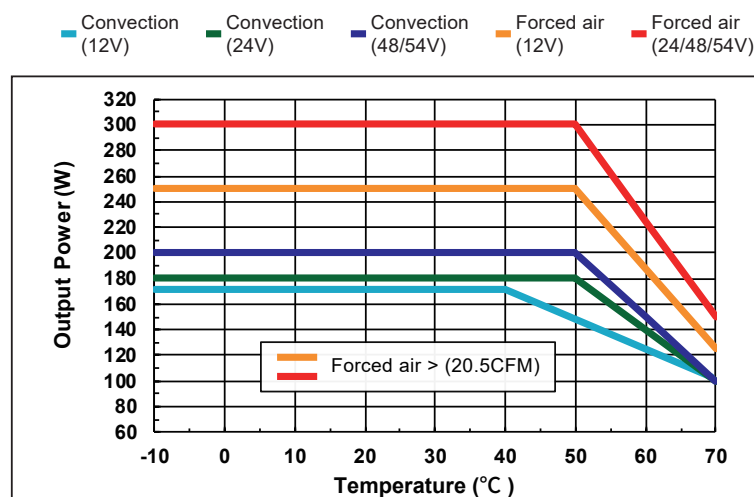
- EN55035
 - EN55014-2
- The above specifications include the following test standards
- ✓ EN61000-4-2
 - ✓ EN61000-4-3
 - ✓ EN61000-4-4
 - ✓ EN61000-4-5
 - ✓ EN61000-4-6
 - ✓ EN61000-4-8
 - ✓ EN61000-4-11

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

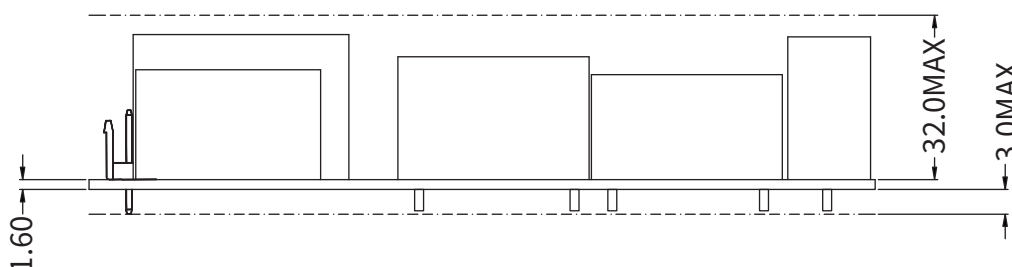
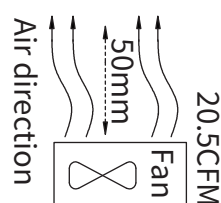
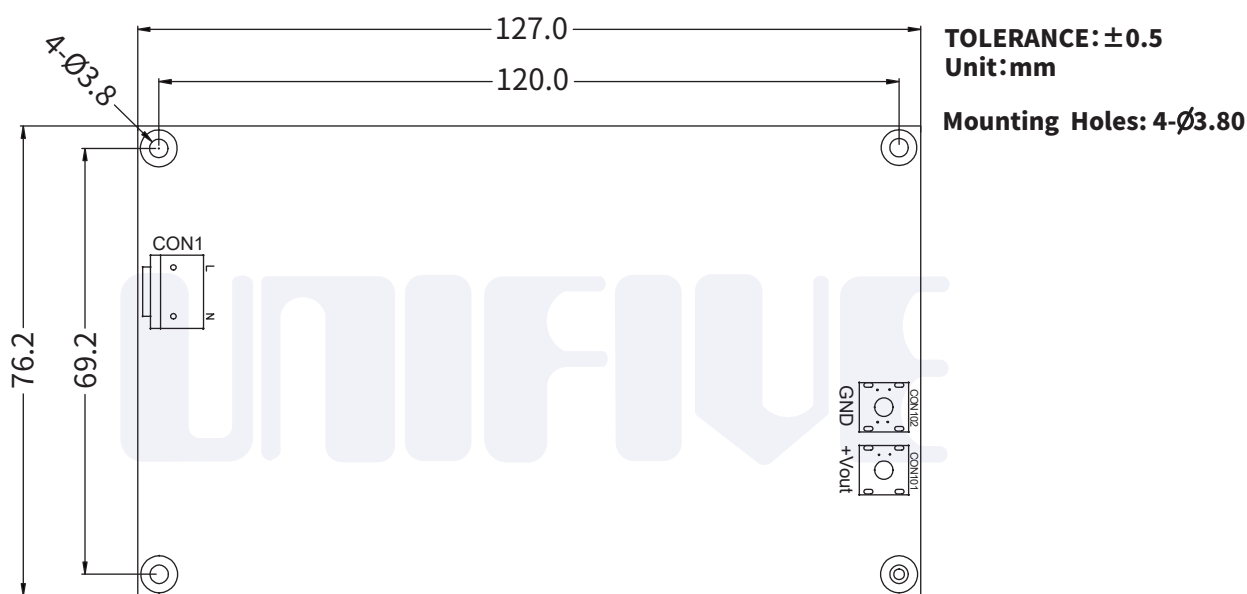
■ Measurement Condition

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



CON1

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

CON1 : INPUT CONNECT
MODEL NO : A3963WV-3P
(THE EQUIVALENT)

CON101

PIN NUMBER	OUTPUT
1	+Vout

CON101 : OUTPUT CONNECT
MODEL NO : PCB-10
(THE EQUIVALENT)

CON102

PIN NUMBER	OUTPUT
1	GND

CON102 : OUTPUT CONNECT
MODEL NO : PCB-10
(THE EQUIVALENT)

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