

UxONT 200W Series

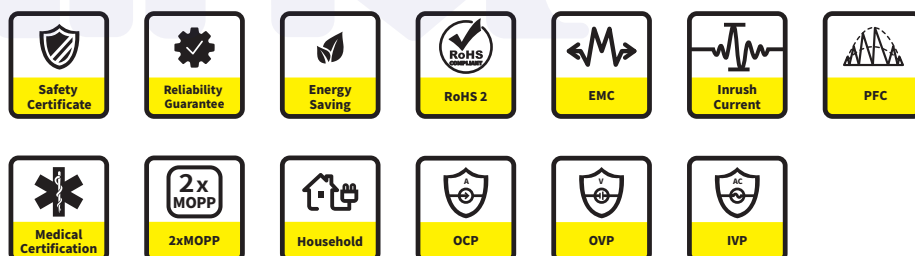
Industrial Power Supply
Standard Product
Compact 3" × 5"



▲ UxONT3200 Series

CB CE UK CA FCC

■ Please contact our sales department for safety standard of each model.
 ■ CB certification is only available for N:62368-1(I.C.T. series).



Model Name Definition

UxONT3200

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 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
- SEMI F47
Valid if VAC.input > 200V
- 5 years warranty
- Correspond to OVC III (2000m)
- Operating altitude Up to 5,000m
- Suitable for industrial equipment

Protection

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

Safety Standard

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

Efficiency

- Up to 92%

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
 - VCCI-B
- (*Power supply with AC inlet filter mounted in user's metal chassis)

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

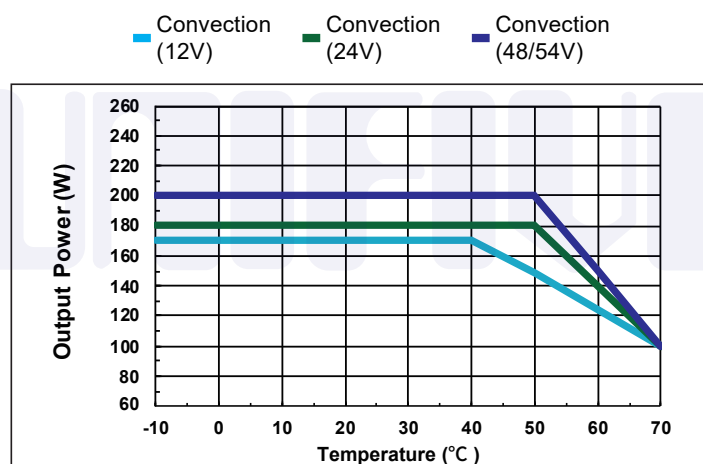
more detail on next page

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	-	0.95	-	-	
	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

Output Port	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Option / Remark
CON101 CON102	UxONT3200-120125SA	12.0V	12.5A	±4%	120mV	240mV	
	UxONT3200-240075SA	24.0V	7.5A	±4%	240mV	480mV	
	UxONT3200-480041SA	48.0V	4.16A	±4%	480mV	480mV	
	UxONT3200-540037SA	54.0V	3.7A	±4%	480mV	480mV	

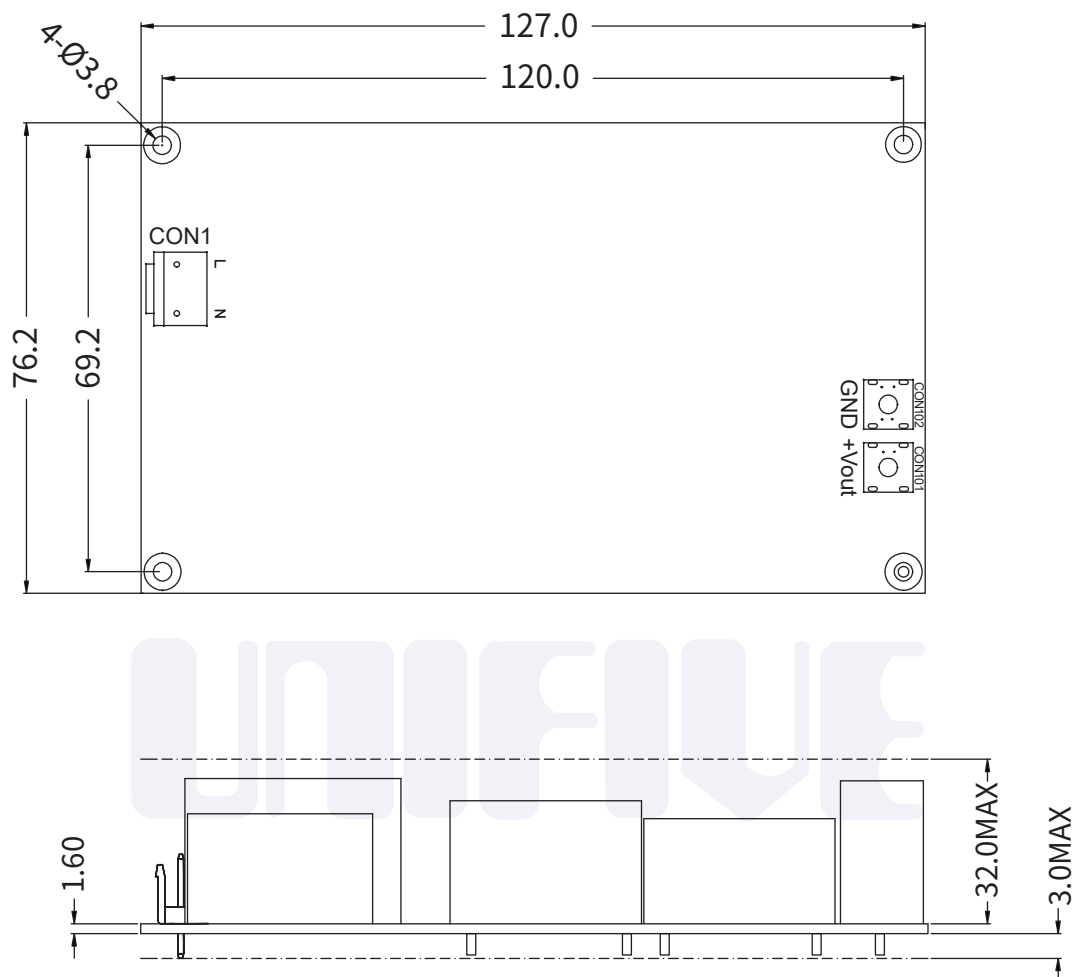
■ Measurement Condition

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

Mechanical Spec

TOLERANCE: ± 0.5
Unit: mm

Mounting Holes: 4- $\varnothing 3.80$



CON1

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

CON1 : INPUT CONNECTION
 Specifications are equivalent to models of JST B3P-VH-3P

CON101

PIN NUMBER	OUTPUT
1	+Vout

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

CON102

PIN NUMBER	OUTPUT
1	GND

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