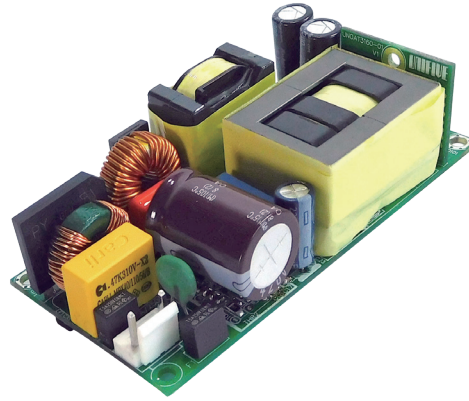


UxONT 100W Series

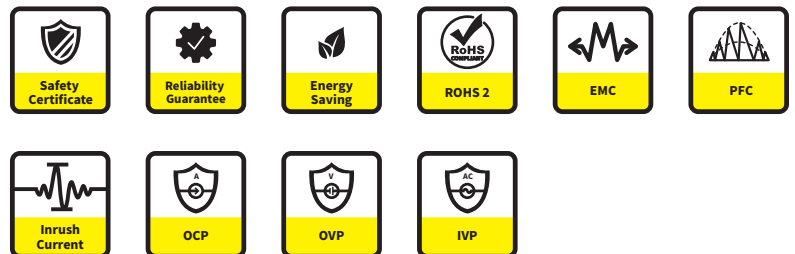
Open Frame Switching Power Supply



▲ UxONT3100 Series



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



Model Name Definition

UxONT3100

x : Depend on Safety Standard

- A 60065-1
- O 60335-1
- M 60601-1
- I 60950-1
- H 61558-1
- N 62368-1

Product Highlights

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

Efficiency

- Up to 94%

Protection

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

Emissions

- FCC Part18 Class B
- CE CISPR 11 EN55011
- VCCI Class B
- CE CISPR 14 EN55014-1
- FCC Part15 Class B
- CE CISPR 32 EN55032

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

Safety Standard

- 60065-1
- 60335-1
- 60601-1
- 60950-1
- 61558-1
- 62368-1
- PSE 別表第八準拠

Immunity

- EN55024/A1:2001
- EN60601-1-2
- EN55014-2

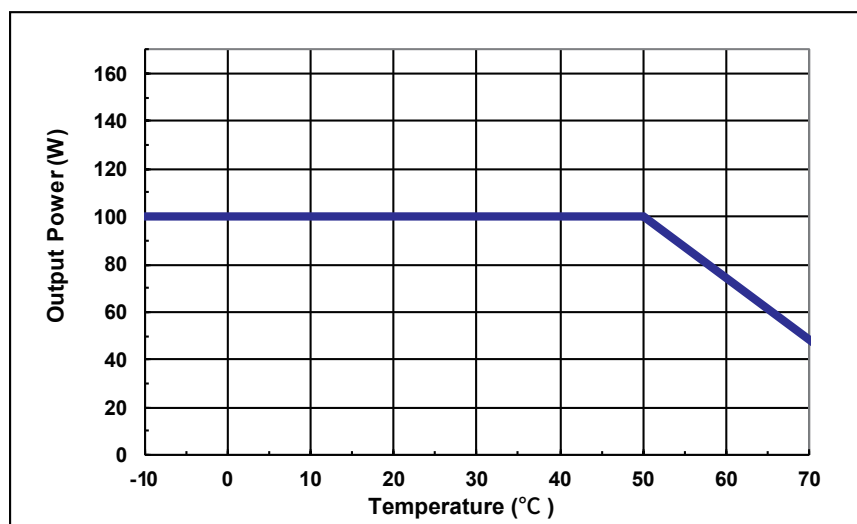
Electrical Spec

Input					
Description	Min.	Typ.	Max.	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

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

■ Convection

Derating Curve (*1)



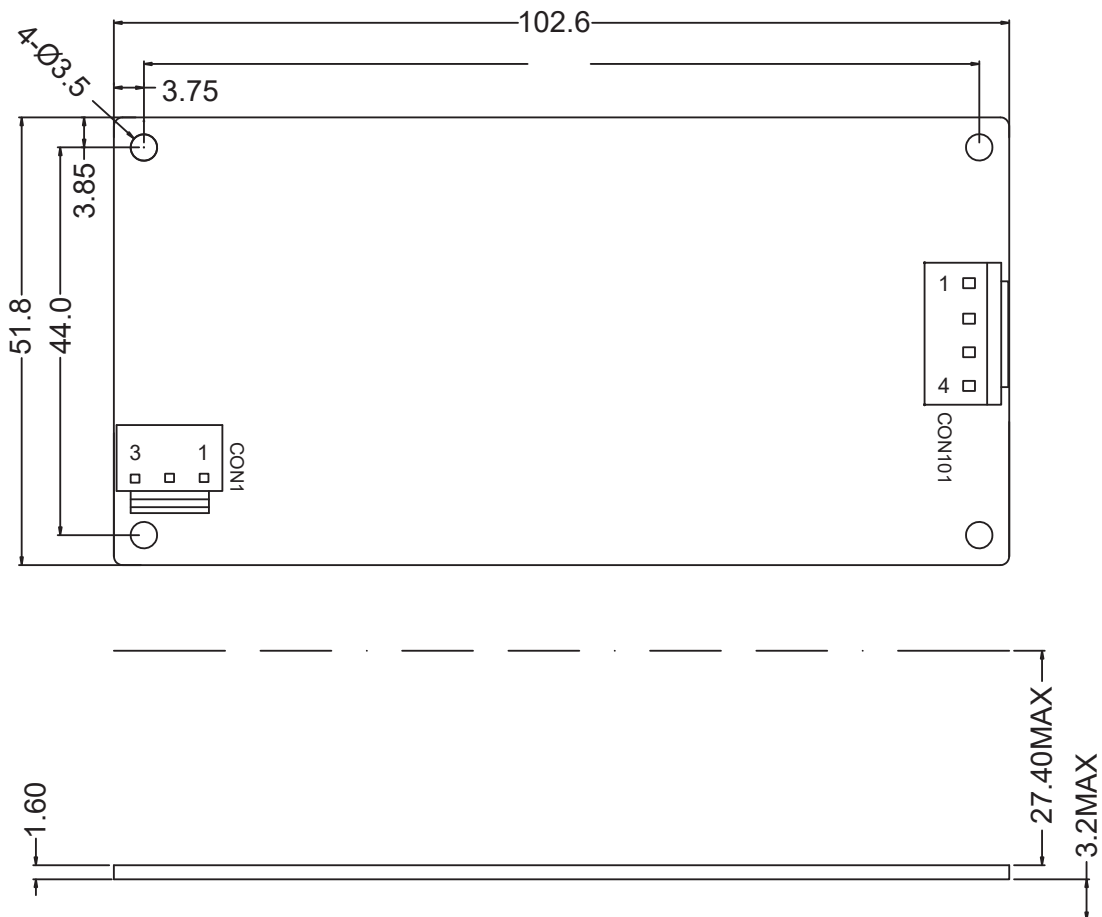
Typical model list

Output Port	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Option/Remark
CON101	12.0V	8.33A	±4%	120mV	240mV	
	15.0V	6.67A	±4%	150mV	300mV	
	24.0V	4.17A	±4%	240mV	480mV	
	48.0V	2.08A	±4%	480mV	480mV	
	54.0V	1.85A	±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.

Mechanical Spec



CON1

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

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

CON101

PIN NUMBER	OUTPUT
1-2	+V
3-4	-V

CON101 : OUTPUT CONNECTION
MODEL NO : A3963WV-4P
(THE EQUIVALENT)

TOLERANCE: ±0.5
Unit:mm

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