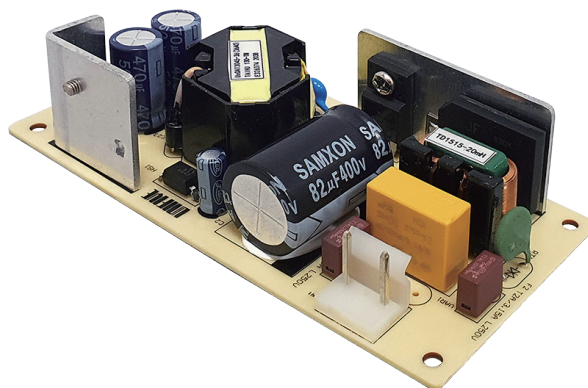


UxOAT 45W Series

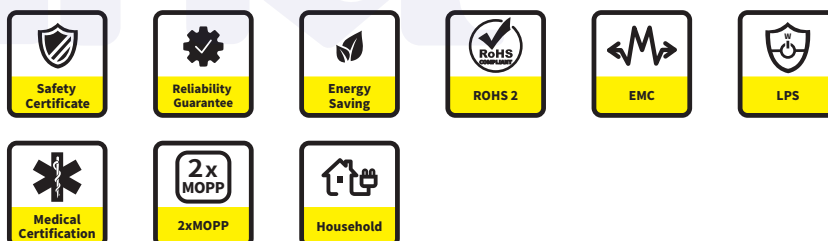
Medical/Home/I.C.T. - Open Frame
Standard Product



▲ UxOAT3045

CB CE UK CA c US FC

■ Please contact our sales department for safety standard of each model.
■ CB & UL certification is only available for M:60601-1 (medical sales).



Model Name Definition

U x O A T 3 0 4 5

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 1.9"x 4.1"(inch)
- 2xMOPP
- Suitable for medical equipment
- Suitable for home appliances
- Suitable for equipment which meet 60335
- Appendix 8 of PSE : comply with dusty requirement
- Suitable for devices with built-in power supply
- The lifespan of the power supply is 5 years.

Protection

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

Safety Standard

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

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

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

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	

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

Output Port	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Option / Remark
CN2	UxOAT3045-120038SA	12.0V	3.8A	±5%	240mV	300mV	
	UxOAT3045-150030SA	15.0V	3.0A	±5%	240mV	300mV	
	UxOAT3045-190024SA	19.0V	2.4A	±5%	240mV	300mV	
	UxOAT3045-240019SA	24.0V	1.9A	±5%	240mV	300mV	
	UxOAT3045-350013SA	35.0V	1.3A	±5%	240mV	300mV	
	UxOAT3045-480930SA	48.0V	0.93A	±5%	240mV	300mV	

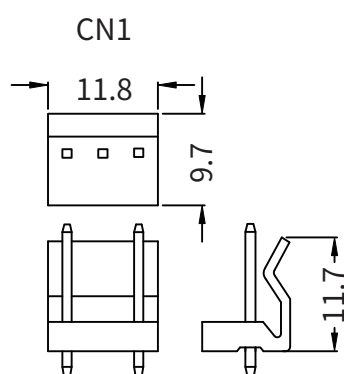
■ Measurement Condition

- 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.

more detail on next page

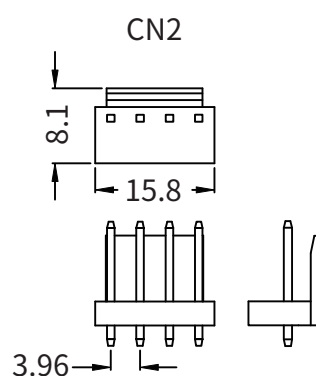
The drawing includes the following dimensions and features:

- Top View Dimensions:**
 - Overall width: 103.0
 - Overall height: 47.0
 - Distance from left edge to CN1: 40.0
 - Distance from top edge to CN1: 3.5
 - Distance from left edge to top hole: 3.5
 - Distance from top edge to bottom hole: 40.0
 - Distance from left edge to right hole: 95.6
 - Distance from top edge to right hole: 3.5
 - Distance from left edge to right hole: 103.0
 - Distance from top edge to right hole: 95.6
 - Distance from left edge to right hole: 103.0
 - Distance from top edge to right hole: 95.6
- Side View Dimensions:**
 - Thickness: 1.6
 - Mounting hole diameter: 3.0 MAX
 - Overall height: 27.0 MAX
- Other Features:**
 - Top hole diameter: 4.0 ± 0.2
 - Connector CN1: 3-pin header
 - Connector CN2: 4-pin header with DC- and DC+ labels



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

CN1 : INPUT CONNECT
MODEL NO : JSW 3PIN A3961WV-3A2
NO PIN2
(THE EQUIVALENT)



PIN NUMBER	OUTPUT
1,2	DC+
3,4	DC-

CN2 : OUTPUT CONNECT
MODEL NO : JSW 4PIN A3963WV-4P
P=3.96
(THE EQUIVALENT)

V3