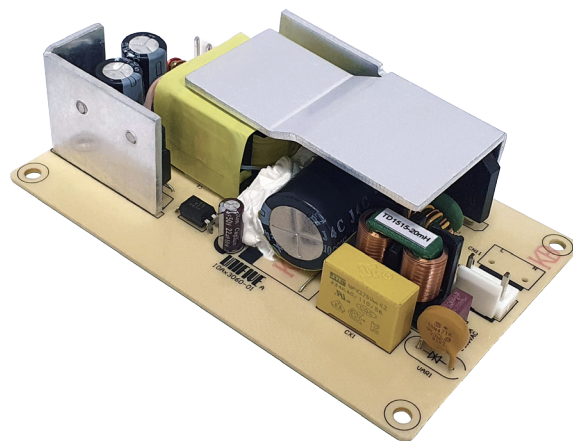


UxOAT 45W P Series

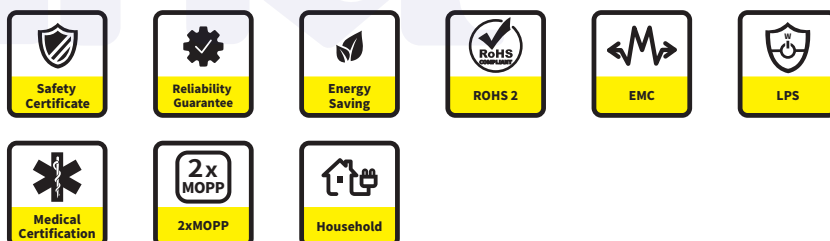
Medical/Home/I.C.T. - Open Frame
Peak Power



▲ UxOAT3045 P

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 series).



Model Name Definition

U x O A T 3 0 4 5 P

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 2.7"x 4.2"(inch)
- Peak load 1.2 sec function
- The Peak Load is Twice Rating Current.(Max.)
- 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	DC Output Peak Current	Peak Time (Tp)	Duty	Option / Remark
CN2	UxOAT3045-120040PA	12.0V	4.0A	±5%	240mV	240mV	7.2A	1sec	0.2	
	UxOAT3045-150032PA	15.0V	3.2A	±5%	240mV	240mV	6.0A	1sec	0.2	
	UxOAT3045-190025PA	19.0V	2.5A	±5%	240mV	480mV	4.5A	1sec	0.2	
	UxOAT3045-240020PA	24.0V	2.0A	±5%	240mV	480mV	3.8A	1sec	0.2	

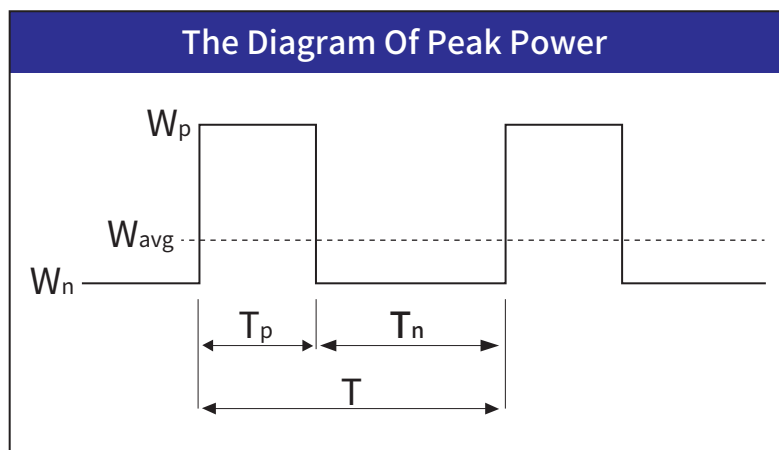
■ Measurement Condition

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 Low ESR electrolytic capacitor to simulate system loading.
3. It is not recommended to exceed the peak load specification value, as it may cause damage to the power supply. If the application range exceeds the calculated value, please contact us.

Peak power

$$■ W_{avg} = \frac{W_p \times T_p + W_n \times (T - T_p)}{T} < 1.2 W_{rated}$$

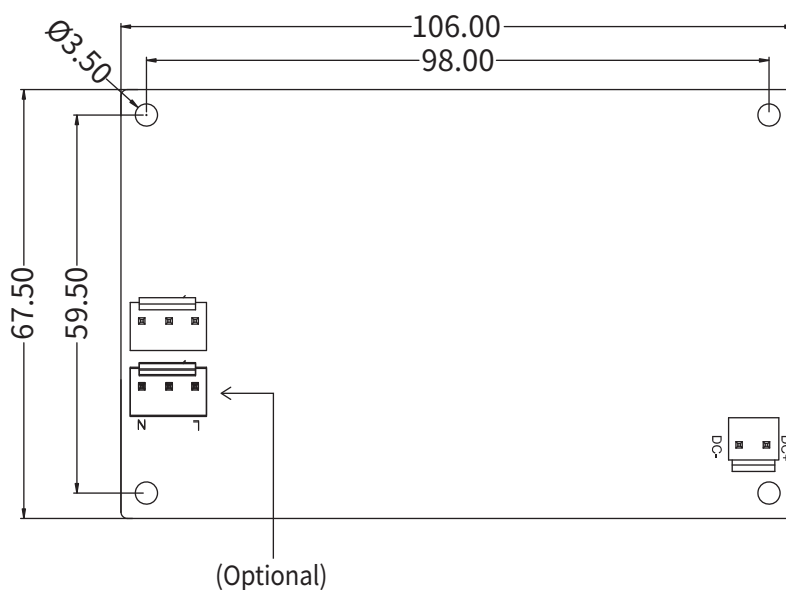
$$■ Duty = \frac{T_p}{T}$$



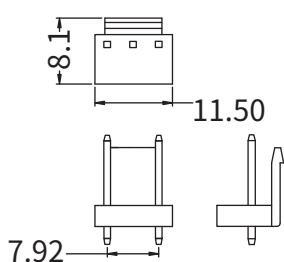
- W_{avg} : The average of output (W)
- W_p : The peak output power (W)
- W_n : Off-peak output power (W)
- W_{rated} : Rated output power (W)
- T_p : The time of peak power (sec)
- T_n : Off-peak output power (sec)
- T : Time (sec)

Mechanical Spec

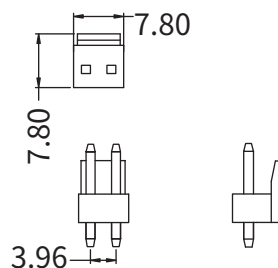
TOLERANCE: ± 0.5
Unit:mm



CN1



CN2



CN1

PIN NUMBER	INPUT
1	AC(L)
2	AC(N)
CN1 : INPUT CONNECT MODEL NO : JSY 3PIN B2P3-VH-Series P=3.96mm (NO PIN2) (THE EQUIVALENT)	

CN2

PIN NUMBER	OUTPUT
1	V+
2	V-
CN2 : OUTPUT CONNECT MODEL NO : JSY 2PIN A3963WV-2P P=3.96mm (THE EQUIVALENT)	

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