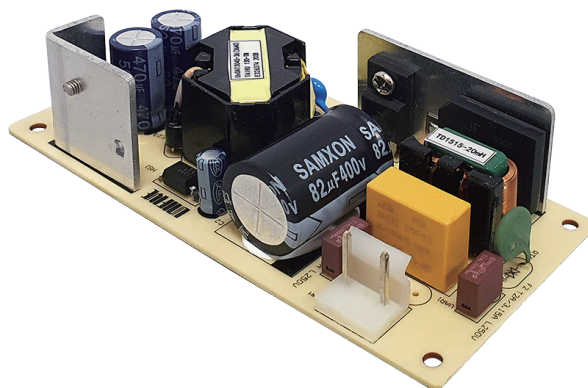


UMOAT 45W Series

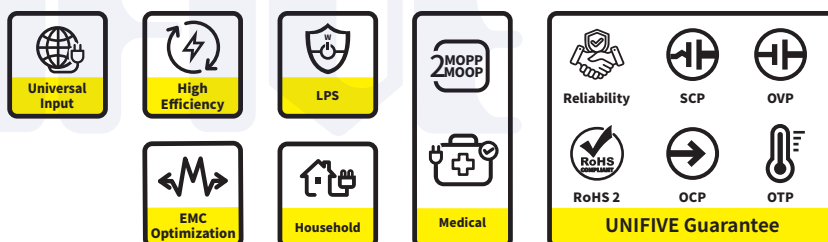
Medical | Open Frame



▲ UMOAT3045



■ For further information of UxOAT 45W series' safety standard, please contact us.



Model Name Definition

U x O A T 3 0 4 5

x : Depend on Safety Standard

- Audio / AV / IT
 - N 62368-1
 - A 60065-1
 - I 60950-1
- Medical
 - M 60601-1
- Home
 - H 61558-1
 - O 60335-1

Product Highlights

- Stability
- Energy Efficiency VI
- Flexibility
- Full Range Input Voltage (90Vac~264Vac)
- Against User's Appliance Housing with Holes Design
- Appendix 8 of PSE : Comply with Dusty Requirement.

Protection

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

Standard*

- Audio / AV / IT
62368-1
60065-1
60950-1
- Medical
60601-1
- Home
61558-1
60335-1
- Complies with DEN-AN

*UxOAT 45W series is designed to MEET all standards above.

Efficiency

- Up to

87.7 %

Emissions

- FCC Part18 Class B
- CE CISPR 11 EN55011
- CE CISPR 14 EN55014-1
- FCC Part15 Class B
- CE CISPR 32 EN55032
- BS EN 55032
- BS EN55011
- BS EN55014-1

Immunity

- EN 55035
- BS EN 55035
- EN60601-1-2
- BS EN60601-1-2
- EN55014-2
- BS EN55014-2

Electrical Spec

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

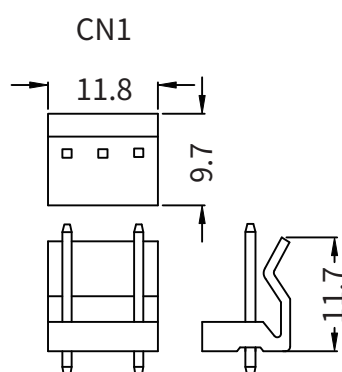
Environmental					
Description	Min.	Typ.	Max.	Units	Comment
Operating Temperature	0	-	50	°C	Free Convection,Sea Level
Storage Temperature	-20	-	65	°C	Free Convection,Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

Typical model list

Output Port	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	Option/Remark
CN2	12.0V	3.8A	±5%	240mV	300mV	87.74%	
	15.0V	3.0A	±5%	240mV	300mV	87.74%	
	19.0V	2.4A	±5%	240mV	300mV	87.74%	
	24.0V	1.9A	±5%	240mV	300mV	87.74%	
	35.0V	1.3A	±5%	240mV	300mV	87.74%	
	48.0V	0.93A	±5%	240mV	300mV	87.74%	

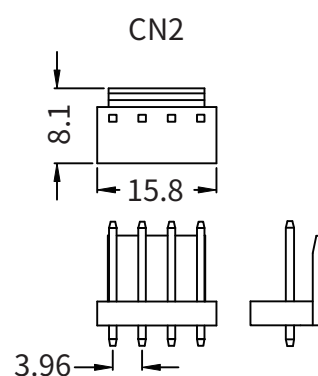
■ Measurement Condition

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.

[illegible]

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)

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