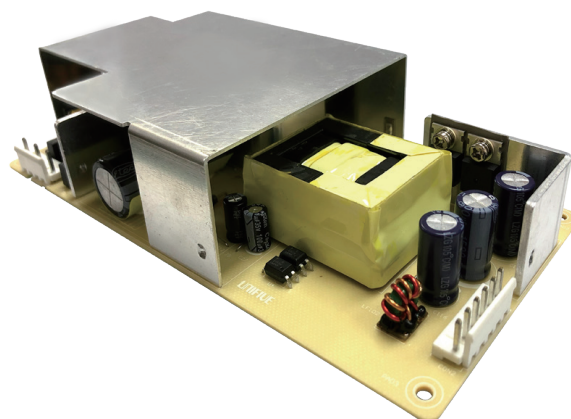


UxOAT 120W Series

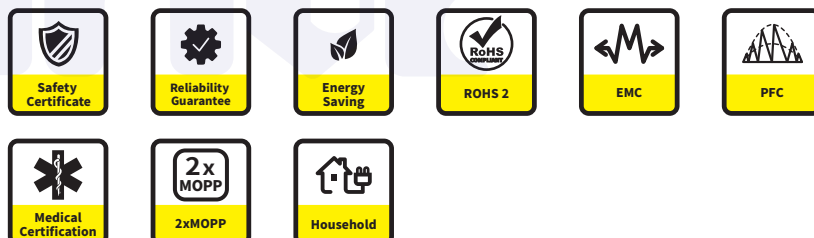
**Medical/Home/I.C.T. - Open Frame
Standard Product**



▲ UxOAT3120

CE UK CA FCC

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



Model Name Definition

U x O A T 3 1 2 0

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 3.4"x 6.8"(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
- 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	
Power Factor	ACIN 100V	0.9	-	-	-	
	ACIN 230V	0.9	-	-	-	

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

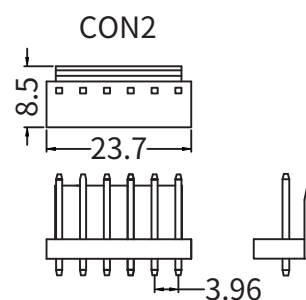
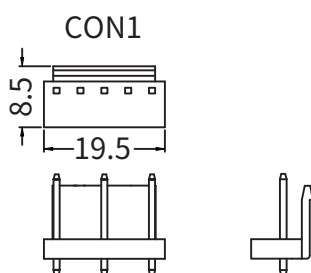
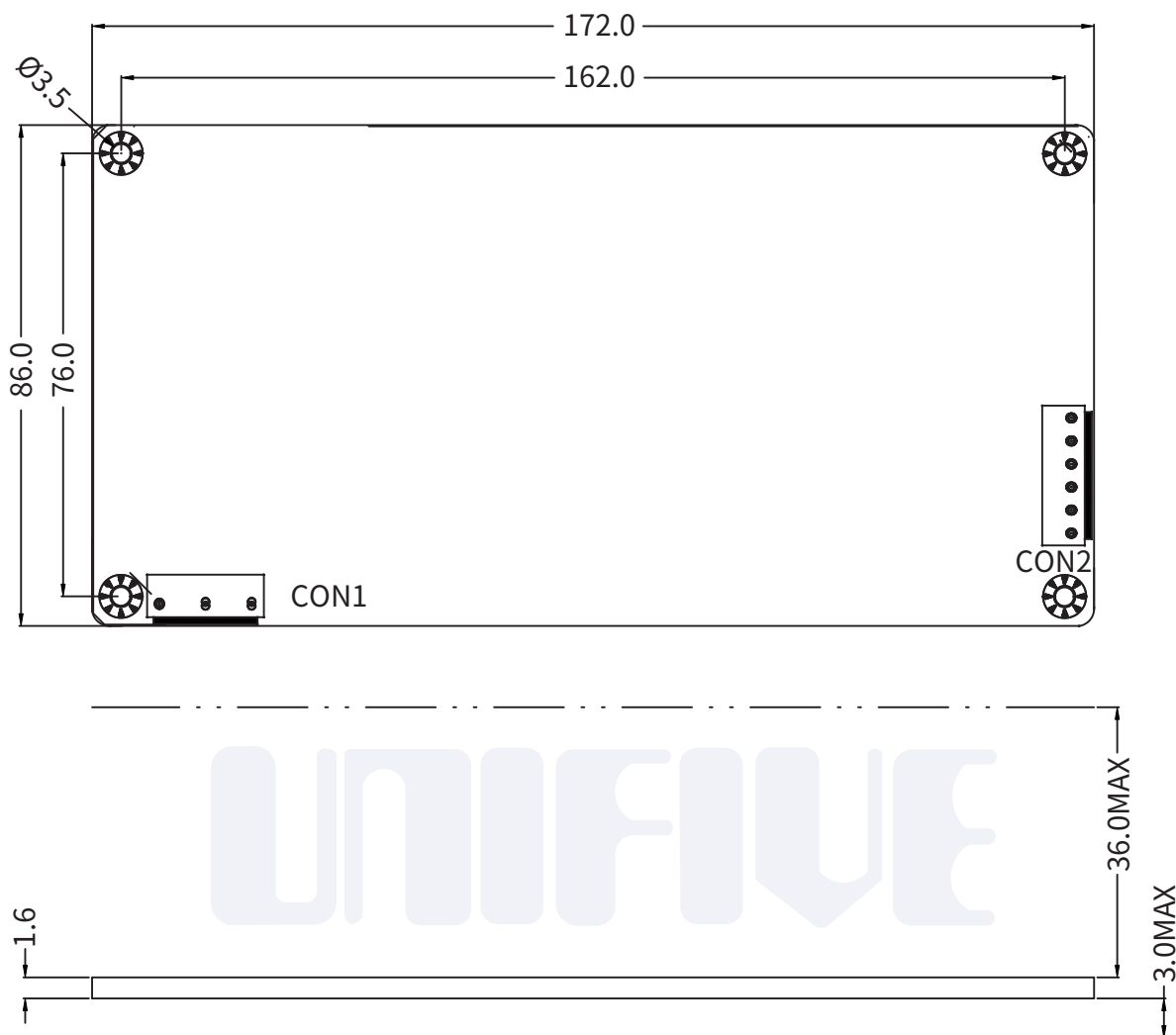
Typical model list

Output Port	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Option / Remark
CON2	UNOAT3120-120100SA	12.0V	10.0A	±5%	240mV	480mV	
	UNOAT3120-150080SA	15.0V	8.0A	±5%	240mV	480mV	
	UNOAT3120-190063SA	19.0V	6.3A	±5%	240mV	480mV	
	UNOAT3120-240050SA	24.0V	5.0A	±5%	240mV	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.							

more detail on next page

Mechanical Spec

TOLERANCE: ± 0.5
Unit: mm



CON1

PIN NUMBER	INPUT
1	AC(L)
2	
3	AC(N)
4	
5	FG
CON1 : INPUT CONNECT Specifications are equivalent to models of JST B5P-VH (NO PIN2/4)	

CON2

PIN NUMBER	OUTPUT
1,2,3	DC+
4,5,6	DC-
CON2 : OUTPUT CONNECT Specifications are equivalent to models of JST B6P-VH	

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