UM 12W Series

UNIFIVE
2021.10.12 V1

Medical AC/DC Adaptor

▲ UMI112

▲ UMI312

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

Safety Certificate | Reliability Guarantee | Energy Saving | ROHS 2 | LPS | EMC | Medical Certification

Product Highlights

- Stability
- Compact Size
- Energy Efficiency
- Suit Medical Equipment, Health Device
- 2xMOPP/2xMOOP
- IEC/EN 60601-1-2

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

Safety Standard

- 60601-1
- PSE 別表第八

Efficiency

- Energy Efficiency Level V

Emissions

- FCC Part18 Class B
- CE CISPR 11 EN55011
- VCCI Class B

Immunity

- EN60601-1-2

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	-	40	°C	Free Convection,Sea Level
Storage Temperture	-20	-	65	°C	Free Convection,Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Option/Remark
1	5.0V	2.0A	±5%	100mV	100mV	
2	5.5V	2.0A	±5%	100mV	100mV	
3	7.0V	1.4A	±5%	100mV	100mV	
4	7.0V	1.6A	±5%	100mV	100mV	
5	9.0V	1.3A	±5%	90mV	180mV	
6	12.0V	1.0A	±5%	120mV	240mV	
7	15.0V	0.8A	±5%	150mV	150mV	
8	24.0V	0.5A	±5%	240mV	480mV	

■ Measurement Condition
1. Mesurements 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

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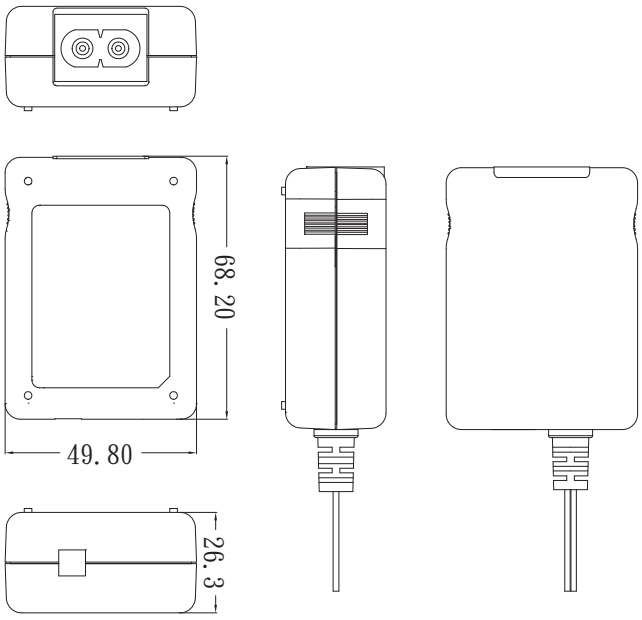

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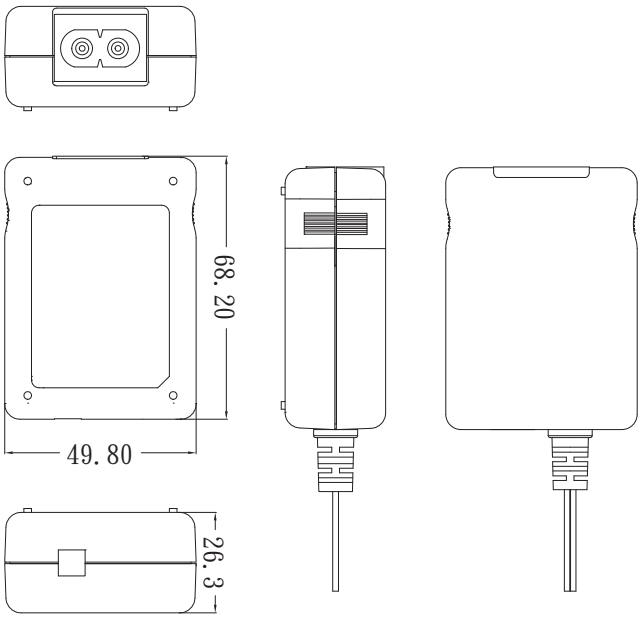

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