

UMVU 10W Series

Medical AC/DC Adaptor Standard Product



▲ UMVUU3010



▲ UMVUZ3010



▲ UMVUE3010



▲ UMVUK3010



▲ UMVUA3010



▲ UMVUR3010



▲ UMVUF3010



▲ UMVUG3010



▲ UMVUL3010



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



Product Highlights

- Stability
- Energy and High Efficiency
- 2xMOPP
- Suitable for medical equipment

Efficiency

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

Protection

- Short circuit Protection
- Over Voltage Protection
- Over Current Protection

Emissions

- FCC
 - FCC Part18-B
- CE
 - EN(CISPR)55011-B
- VCCI-B
- CNS13438
- BS EN55011

Safety Standard

- 60601-1
- CNS14336
- PSE 別表第八

Immunity

- EN60601-1-2
- BS EN60601-1-2

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

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 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

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UMVUU3010-033020SA	3.3V	2.0A	-5%~+8%	100mV	100mV	75.71%	0.1W	
UMVUU3010-059016SA	5.9V	1.6A	±5%	120mV	120mV	78.30%	0.1W	
UMVUU3010-090011SA	9.0V	1.1A	±5%	180mV	180mV	81.89%	0.1W	
UMVUU3010-100010SA	10.0V	1.0A	±5%	180mV	240mV	81.95%	0.1W	
UMVUU3010-120800SA	12.0V	0.8A	±5%	240mV	240mV	81.71%	0.1W	
UMVUU3010-150600SA	15.0V	0.6A	±5%	200mV	300mV	81.34%	0.1W	
UMVUU3010-240400SA	24.0V	0.4A	±5%	240mV	480mV	81.71%	0.1W	

■ Measurement Condition

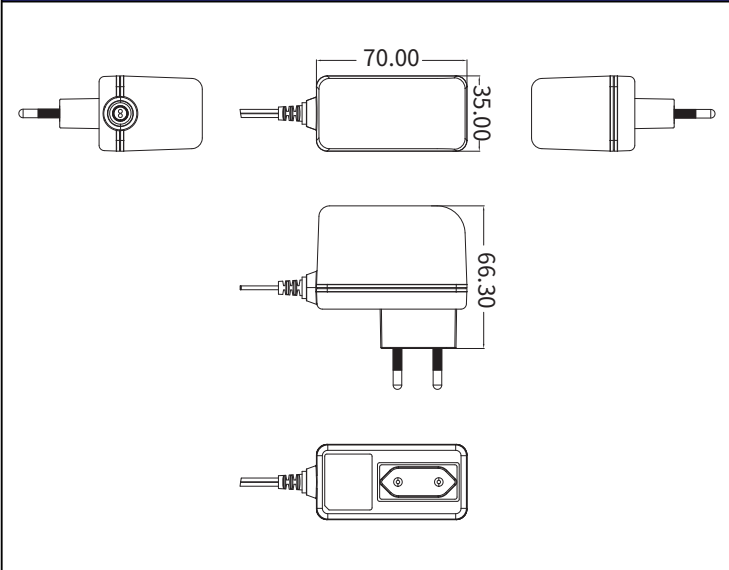
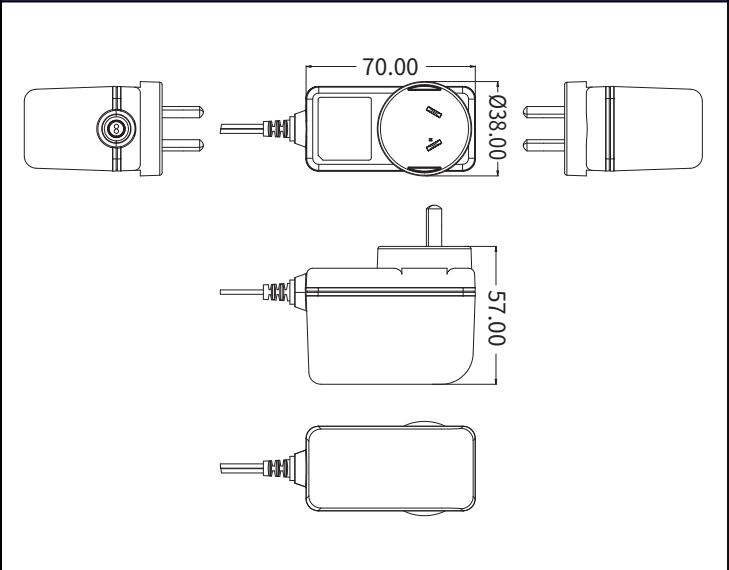
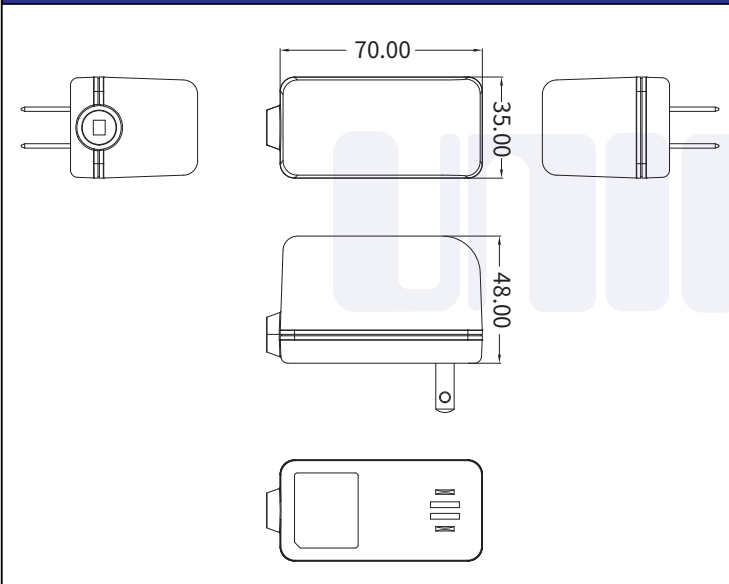
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

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Mechanical Spec

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Mechanical Spec

UMVUF3010 Series	UMVUG3010 Series
	
UMVUL3010 Series	
	

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