

# UMVU 12W Series

## Medical AC/DC Adaptor



▲ **UMVUU3012**



▲ **UMVUZ3012**



▲ **UMVUE3012**



▲ **UMVUK3012**



▲ **UMVUA3012**



▲ **UMVUR3012**



▲ **UMVUF3012**



▲ **UMVUG3012**



▲ **UMVUL3012**



■ 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

### 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 Part18 Class B
- VCCI Class B
- CE CISPR11 EN55011
- CNS13438
- BS EN55011

### Safety Standard

- 60601-1
- CNS14336
- PSE 別表第八

### Immunity

- EN60601-1-2
- BS 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 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

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	5.0V	2.0A	±5%	100mV	150mV	-	-	
2	5.9V	2.0A	±5%	120mV	120mV	-	-	
3	9.0V	1.3A	±5%	180mV	180mV	-	-	
4	10.0V	1.2A	±5%	180mV	240mV	-	-	
5	12.0V	1.0A	±5%	240mV	240mV	-	-	
6	15.0V	0.8A	±5%	200mV	300mV	-	-	
7	24.0V	0.5A	±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

UMVUU3012 Series	UMVUZ3012 Series
<p>Front view, Top view (70.00, 35.00), and Side view (48.00) of the UMVUU3012 Series.</p>	<p>Front view, Top view (70.00, 35.00), and Side view (48.00) of the UMVUZ3012 Series.</p>
UMVUE3012 Series	UMVUK3012 Series
<p>Front view, Top view (70.00, 35.00), and Side view (66.30) of the UMVUE3012 Series.</p>	<p>Front view, Top view (70.00, 48.80), and Side view (55.20) of the UMVUK3012 Series.</p>
UMVUA3012 Series	UMVUR3012 Series
<p>Front view, Top view (70.00, 38.00), and Side view (57.00) of the UMVUA3012 Series.</p>	<p>Front view, Top view (70.00, 35.00), and Side view (66.30) of the UMVUR3012 Series.</p>

# Mechanical Spec

UMVUF3012 Series	UMVUG3012 Series
UMVUL3012 Series	

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