

UM Series

Medical Wall Mount AC/DC Adaptor 12W Series



▲ UM112/UM312



▲ UML112/UML312



▲ UME312



▲ UMR312



▲ UMK312



▲ UMA312



▲ UMY312



▲ UMZ312



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



Product Highlights

- Stability
- Compact size
- Energy efficiency
- Suit medical equipment, health device
- 2xMOPP/2xMOOP
- IEC/EN 60601-1-2 4th Ed

Efficiency

- Meet :
Commission Regulation (EC)
No 278/2009 (ERP 5)& CEC 5

Protection

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

Emissions

- CE CISPR 11
- VCCI Class B

Safety Approvals

- UL60601-1
- IEC/EN60601-1
- PSE

Immunity

- EN55011

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

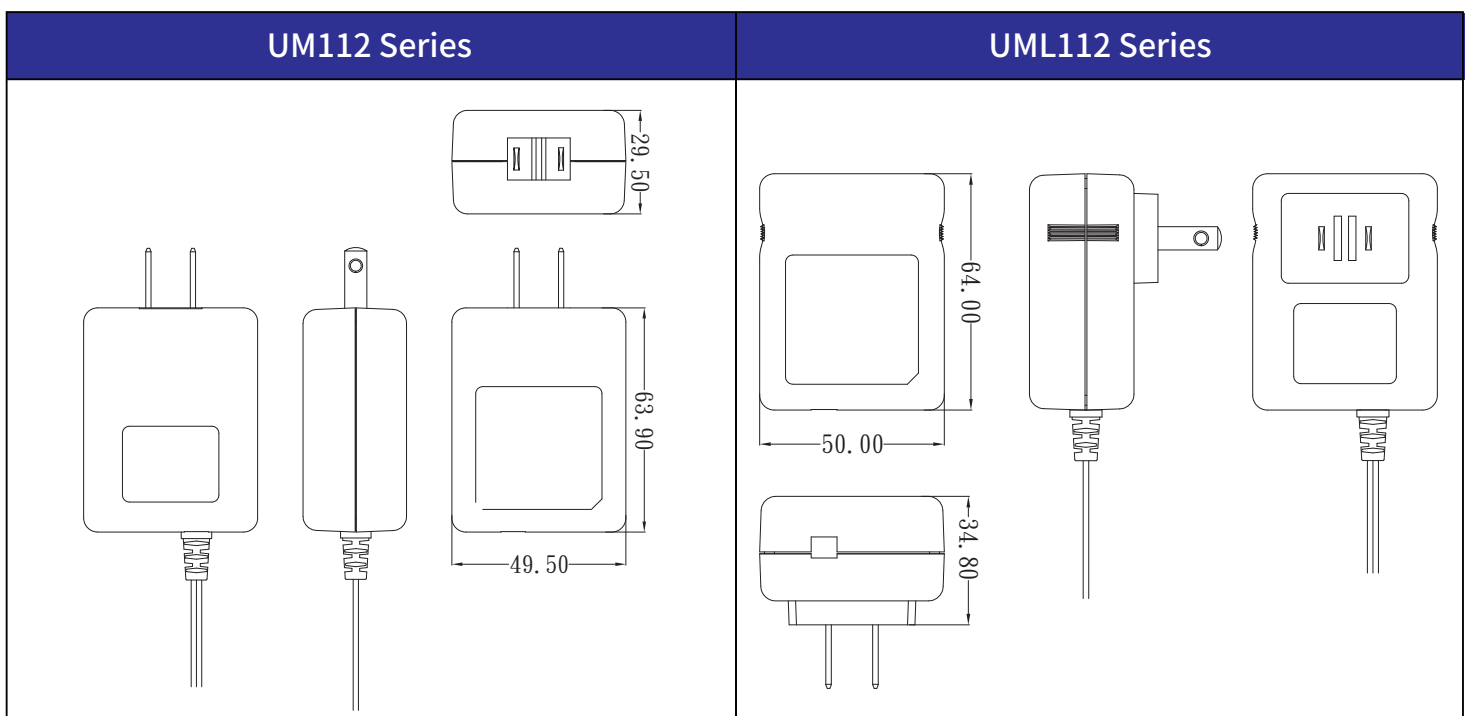
Typical model list

Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noises	Regulation		Option/Remark	
						Line	Load		
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	5.0V	2.0A	±5%	300mV	300mV	2%	10%	
	2	5.0V	2.3A	±5%	50mV	100mV	2%	10%	
	3	5.5V	2.0A	±5%	100mV	100mV	2%	10%	
	4	6.0V	2.0A	±5%	120mV	240mV	2%	10%	Only IV
	5	7.0V	1.4A	±5%	70mV	70mV	2%	10%	
	6	7.0V	1.6A	±5%	100mV	100mV	2%	10%	
	7	7.5V	1.6A	±5%	100mV	150mV	2%	10%	
	8	9.0V	1.3A	±5%	90mV	90mV	2%	10%	
	9	12.0V	1.0A	±5%	120mV	240mV	2%	10%	
	10	15.0V	0.8A	±5%	150mV	150mV	2%	10%	
	11	24.0V	0.5A	±5%	240mV	480mV	2%	10%	

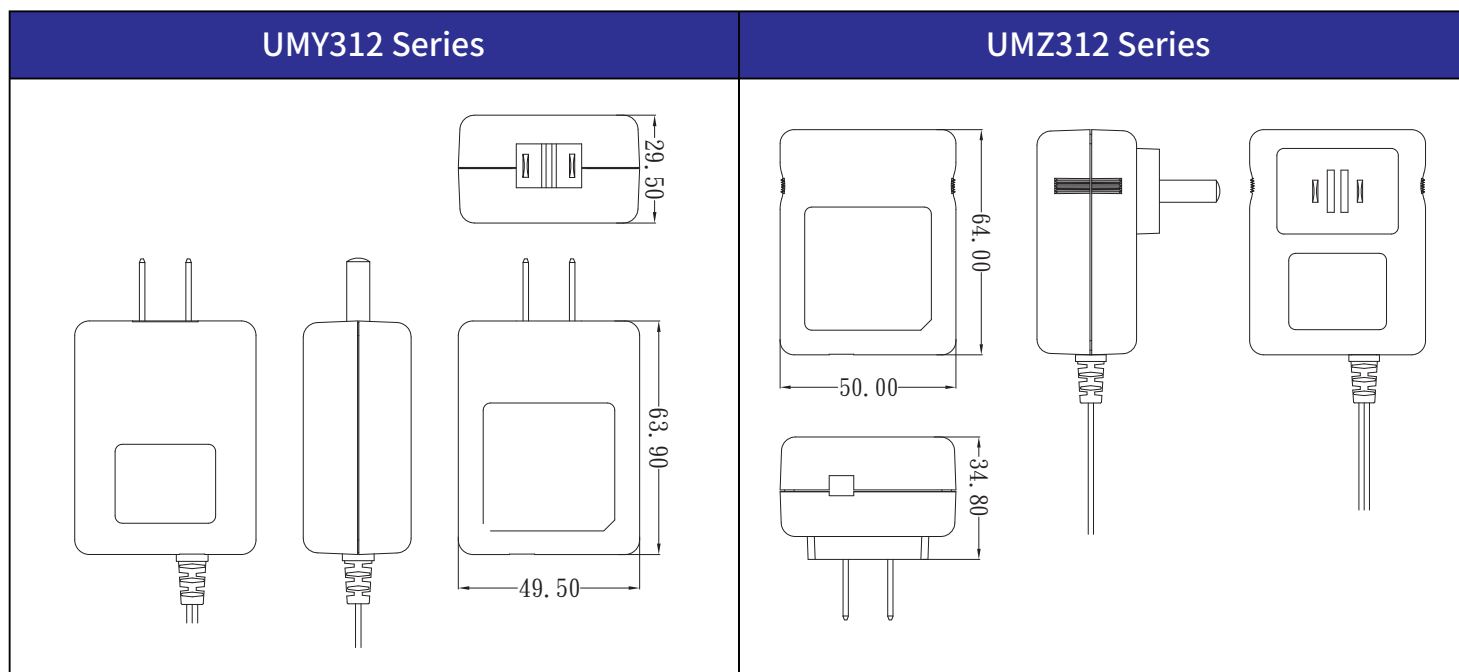
■ Measurement condition

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.

Mechanical Spec



UM312 Series	UML312 Series
<p>Technical drawings of the UM312 Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 29.50 (top view width), 63.90 (front view height), and 49.50 (top view depth).</p>	<p>Technical drawings of the UML312 Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 64.00 (front view height), 50.00 (front view width), and 34.80 (top view depth).</p>
UME Series	UMR Series
<p>Technical drawings of the UME Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 47.90 (side view height), 50.20 (top view width), and 64.50 (front view height).</p>	<p>Technical drawings of the UMR Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 47.90 (side view height), 50.20 (top view width), and 64.50 (front view height).</p>
UMK Series	UMA Series
<p>Technical drawings of the UMK Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 36.40 (side view height), 50.20 (top view width), and 64.50 (front view height).</p>	<p>Technical drawings of the UMA Series AC/DC adaptor. The drawings include a front view, a side view, and a top view. Dimensions are provided: 64.00 (front view height), 55.00 (front view width), and 36.0 (side view height).</p>



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