

Medical Use AC/DC Adaptor 12W Series Wall Mount

UMx Series

Product Highlights:

- ✓ Stability
- ✓ Compact size
- ✓ Energy efficiency
- ✓ Available at Japan, Taiwan, US, EU, AUS, UK, Korea & desktop type
- ✓ Suit medical equipment, health device

Protection:

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

Efficiency:

- ✓ CEC Leve 5
- ✓ Energy Star 2.0



Safety Approvals:

- ✓ IEC 60601-1
- ✓ UL 60601-1
- ✓ CAN/CSA-C22.2 No. 601.1-M90

Emissions:

- ✓ CE CISPR 16 Class B
- ✓ VCCI Class B

Immunity:

- ✓ EN55011
- ✓ EN60601-1-2
- ✓ EN61000-4-2
- ✓ EN61000-4-3
- ✓ EN61000-4-4
- ✓ EN61000-4-5
- ✓ EN61000-4-6
- ✓ EN61000-4-8
- ✓ EN61000-4-11

Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
Non-Operating Temperature	-20	-	65	°C	Free Convection,Sea level
Operating Humidity	10	-	90	%RH	No Condensing
Non-Operating Humidity	10	-	90	%RH	No Condensing

Typical model list:

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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*	3V	2.0A	±5%	50mV	±1%	±5%	
	2	3.3V	2.0A	±5%	50mV	±1%	±5%	
	3*	5V	2.0A	±5%	50mV	±1%	±5%	
	4*	5V	2.3A	±5%	50mV	±1%	±5%	
	5	5.5V	2.0A	±5%	50mV	±1%	±5%	
	6	6V	2.0A	±5%	60mV	±1%	±5%	
	7	7V	1.4A	±5%	70mV	±1%	±5%	
	8	7V	1.6A	±5%	70mV	±1%	±5%	
	9*	7.5V	1.6A	±5%	75mV	±1%	±5%	
	10*	9V	1.3A	±5%	90mV	±1%	±5%	
	11*	12V	1.0A	±5%	120mV	±1%	±5%	
	12*	15V	0.8A	±5%	150mV	±1%	±5%	
	13*	24V	0.5A	±5%	240mV	±1%	±5%	
	14	-	-	-	-	-	-	-

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:

UM Series	UML112 Series	UME/UMR Series	UMK Series
<p>(Only UM312 " " ")</p>			

UMA Series	UMI Series
	<p>(Only UMI312 " " ")</p>

Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weihgt(kg)	Size(mm)	CBM(m2)	Container	Ctn/Contai ner	Pcs/Contai ner	Gross Weingt (Ton)	Remark
UM112/312	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	With Gift Box
	120	16.2	13.2	565x393x255	1x1.2	20	400	48000	6720	Bulk package
UML112/312	84	12.24	9.24	565x393x255	1x1.2	20	400	33600	5136	With Gift Box
	80	11.8	8.8	565x393x255	1x1.2	20	400	32000	4960	Bulk package
UME/UMR312 UMK/UMA312	84	13.92	10.92	565x393x255	1x1.2	20	400	33600	5808	With Gift Box
	80	13.4	10.4	565x393x255	1x1.2	20	400	32000	5600	Bulk package
UMI112/312	120	19.2	16.2	565x393x255	1x1.2	20	400	48000	7920	With Gift Box
	120	19.2	16.2	565x393x255	1x1.2	20	400	48000	7920	Bulk package