

UM Series

Medical Wall Mount AC/DC Adaptor **6W** Series



▲ UM305



▲ UMK305



▲ UME305



▲ UMA305



▲ UMZ305



■ 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

Protection

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

Safety Approvals

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

Efficiency

- Meet :
COMMISSION REGULATION (EU)
2019/1782 (ERP 6)& DOE 6

Emissions

- VCCI Class B
- CE CISPR 11
- FCC Part15 Class B

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		Average active efficiency	Efficiency at low load (10%)	No-load power consumption	Option/Remark	
						Line	Load					
Input Voltage: 90V-264Vac Frequency: 47-63Hz	1	5.0V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	
	2	5.0V	0.8A	±5%	100mV	100mV	2%	10%	-	-	-	
	3	5.0V	1.0A	±5%	100mV	100mV	2%	10%	-	-	-	
	4	5.0V	1.2A	±5%	100mV	100mV	2%	10%	-	-	-	
	5	5.6V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	
	6	5.6V	0.6A	±5%	100mV	100mV	2%	10%	-	-	-	
	7	5.9V	0.85A	±5%	100mV	100mV	2%	10%	-	-	-	
	8	6.0V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	
	9	6.0V	0.6A	±5%	100mV	100mV	2%	10%	-	-	-	*
	10	6.0V	1.0A	±5%	100mV	100mV	2%	10%	-	-	-	*
	11	7.5V	0.8A	±5%	100mV	100mV	2%	10%	-	-	-	*
	12	8.5V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	*
	13	8.5V	0.7A	±5%	100mV	100mV	2%	10%	-	-	-	*
	14	8.6V	0.6A	±5%	100mV	100mV	2%	10%	-	-	-	*
	15	9.0V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	*
	16	9.6V	0.2A	±5%	100mV	100mV	2%	10%	-	-	-	*
	17	12.0V	0.25A	±5%	100mV	100mV	2%	10%	-	-	-	*
	18	12.0V	0.5A	±5%	100mV	100mV	2%	10%	-	-	-	*
	19	13.0V	0.45A	±5%	100mV	100mV	2%	10%	-	-	-	*
	20	15.0V	0.4A	±5%	100mV	100mV	2%	10%	-	-	-	*
	21	18.0V	0.3A	±5%	100mV	100mV	2%	10%	-	-	-	*
	22	24.0V	0.2A	±5%	100mV	100mV	2%	10%	-	-	-	* / ☉
	23	24.0V	0.25A	±5%	100mV	100mV	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.
3. "*" Efficiency level V.
4. "☉" NO PSE Certification.

more detail on next page

Mechanical Spec

UM Series	UME Series
UMK Series	UMA Series
UMZ Series	<p style="text-align: center;">— the following blank —</p>

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