

UM 6W Series

Medical AC/DC Adaptor Standard Product



▲ UM305



▲ UME305



▲ UMK305



▲ UMA305



▲ UMZ305



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



Safety Certificate



Reliability Guarantee



Energy Saving



RoHS 2



EMC



LPS



Medical Certification



2xMOPP



Miniaturization

Product Highlights

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

Protection

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

Safety Standard

- 60601-1
- PSE 別表第八

Efficiency

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

Emissions

- FCC
 - FCC Part15-B
- CE
 - EN(CISPR)55011-B
- VCCI-B
- BS EN55011

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
UMx305-0505	5.0V	0.5A	±5%	100mV	100mV	73.16%	0.1W	
UMx305-0508	5.0V	0.8A	±5%	100mV	100mV	71.90%	0.1W	
UMx305-0510	5.0V	1.0A	±5%	100mV	100mV	73.62%	0.1W	
UMx305-0512	5.0V	1.2A	±5%	100mV	100mV	75.00%	0.1W	
UMx305-5605	5.6V	0.5A	±5%	100mV	100mV	73.92%	0.1W	
UMx305-5606	5.6V	0.6A	±5%	100mV	100mV	70.54%	0.1W	
UMx305-5905	5.9V	0.5A	±5%	100mV	100mV	74.27%	0.1W	
UMx305-5906	5.9V	0.6A	±5%	100mV	100mV	70.95%	0.1W	
UMx305-5985	5.9V	0.85A	±5%	100mV	100mV	73.65%	0.1W	
UMx305-5910	5.9V	1.0A	±5%	100mV	100mV	74.88%	0.1W	
UMx305-7508	7.5V	0.8A	±5%	100mV	100mV	78.88%	0.1W	
UMx305-8505	8.5V	0.5A	±5%	100mV	100mV	76.68%	0.1W	
UMx305-8507	8.5V	0.7A	±5%	100mV	100mV	78.83%	0.1W	
UMx305-8606	8.6V	0.6A	±5%	100mV	100mV	77.93%	0.1W	
UMx305-0905	9.0V	0.5A	±5%	100mV	100mV	77.05%	0.1W	
UMx305-9602	9.6V	0.2A	±5%	100mV	100mV	71.36%	0.1W	
UMx305-1225	12.0V	0.25A	±5%	100mV	100mV	74.38%	0.1W	
UMx305-1205	12.0V	0.5A	±5%	100mV	100mV	78.88%	0.1W	
UMx305-1345	13.0V	0.45A	±5%	100mV	100mV	78.72%	0.1W	
UMx305-1504	15.0V	0.4A	±5%	100mV	100mV	78.88%	0.1W	
UMx305-1803	18.0V	0.3A	±5%	100mV	100mV	78.22%	0.1W	
UMx305-2402	24.0V	0.2A	±5%	100mV	100mV	77.47%	0.1W	
UMx305-2425	24.0V	0.25A	±5%	100mV	100mV	78.88%	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.

Mechanical Spec

UM305 Series	UME305 Series
UMK305 Series	UMA305 Series
UMZ305 Series	

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