

UMVU 18W Series

Medical AC/DC Adaptor



▲ **UMVUU3018**



▲ **UMVUZ3018**



▲ **UMVUE3018**



▲ **UMVUR3018**



▲ **UMVUA3018**



▲ **UMVUK3018**



▲ **UMVUF3018**



▲ **UMVUG3018**



▲ **UMVUL3018**



■ 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	3.3V	3.0A	-5%~+8%	150mV	200mV	-	-	
2	5.0V	3.0A	±5%	100mV	150mV	-	-	
3	5.5V	3.0A	±5%	100mV	150mV	-	-	
4	5.9V	2.8A	±5%	150mV	180mV	-	-	
5	7.5V	2.4A	±5%	150mV	180mV	-	-	
6	9.0V	2.0A	±5%	150mV	180mV	-	-	
7	12.0V	1.5A	±5%	150mV	240mV	-	-	
8	15.0V	1.2A	±5%	200mV	300mV	-	-	
9	18.0V	1.0A	±5%	200mV	300mV	-	-	
10	24.0V	0.75A	±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

UMVUU3018 Series	UMVUZ3018 Series
<p>Front view, Top view (70.00, 35.00), Side view (48.00), and Rear view.</p>	<p>Front view, Top view (70.00, 35.00), Side view (48.00), and Rear view.</p>
UMVUE3018 Series	UMVUA3018 Series
<p>Front view, Top view (70.00, 35.00), Side view (66.30), and Rear view.</p>	<p>Front view, Top view (70.00, 35.00), Side view (57.00), and Rear view.</p>
UMVUK3018 Series	UMVUR3018 Series
<p>Front view, Top view (70.00, 48.80), Side view (55.20), and Rear view.</p>	<p>Front view, Top view (70.00, 35.00), Side view (66.30), and Rear view.</p>

Mechanical Spec

UMVUF3018 Series	UMVUG3018 Series
UMVUL3018 Series	

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