

UMVU 18W Series

Medical AC/DC Adaptor
USB/USB PD
USB-C(With Cable)



▲ **UMVUU3018 CB**



▲ **UMVUL3018 CB**



▲ **UMVUE3018 CB**



▲ **UMVUZ3018 CB**



▲ **UMVUA3018 CB**



▲ **UMVUK3018 CB**



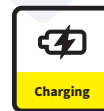
▲ **UMVUR3018 CB**



▲ **UMVUF3030 CB**



▲ **UMVUG3018 CB**



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

Product Highlights

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

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
 - FCC Part18-B
- CE
 - EN(CISPR)55011-B
- VCCI-B
- BS EN55011

Safety Standard

- 60601-1
- PSE 別表第八

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

Output Condition	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
USB-C	UMVUx3018-120015CA	5.0V	3.0A	±5%	150mV	240mV	81.40%	0.1W	Quick Charge
		9.0V	2.0A	±5%	150mV	240mV	85.00%	0.1W	
		12.0V	1.5A	±5%	150mV	240mV	85.00%	0.1W	
USB-C	UMVUx3018-150012CB	5.0V	3.0A	±5%	150mV	240mV	81.39%	0.1W	PD
		9.0V	2.0A	±5%	150mV	240mV	85.00%	0.1W	
		12.0V	1.5A	±5%	150mV	240mV	85.00%	0.1W	
		15.0V	1.2A	±5%	150mV	240mV	85.00%	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.

more detail on next page

Mechanical Spec

UMVUU3018 CB Series	UMVUL3018 CB Series
<p>Front view, side view, and rear view of the UMVUU3018 CB Series. Dimensions shown: 70.00 (width), 35.00 (height), and 48.00 (depth).</p>	<p>Front view, side view, and rear view of the UMVUL3018 CB Series. Dimensions shown: 70.00 (width), 35.00 (height), and 48.00 (depth).</p>
UMVUE3018 CB Series	UMVUZ3018 CB Series
<p>Front view, side view, and rear view of the UMVUE3018 CB Series. Dimensions shown: 70.00 (width), 35.00 (height), and 66.30 (depth).</p>	<p>Front view, side view, and rear view of the UMVUZ3018 CB Series. Dimensions shown: 70.00 (width), 35.00 (height), and 48.00 (depth).</p>
UMVUA3018 CB Series	UMVUK3018 CB Series
<p>Front view, side view, and rear view of the UMVUA3018 CB Series. Dimensions shown: 70.00 (width), 57.00 (depth), and Ø38.00 (diameter).</p>	<p>Front view, side view, and rear view of the UMVUK3018 CB Series. Dimensions shown: 70.00 (width), 48.80 (height), and 55.20 (depth).</p>

Mechanical Spec

UMVUR3018 CB Series	UMVUF3018 CB Series
UMVUG3018 CB Series	

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