

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**



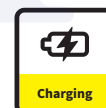
▲ **UMVUF3030 CB**



▲ **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	81.39%	0.1W	QC、PD
		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	
		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

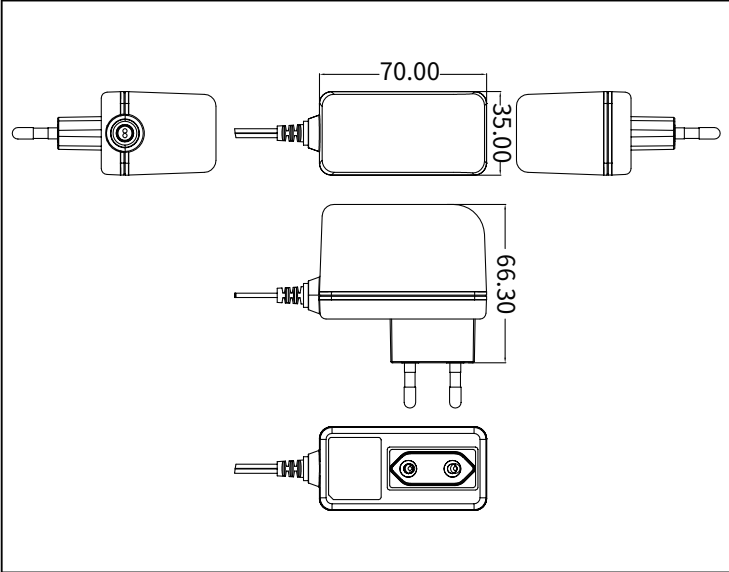
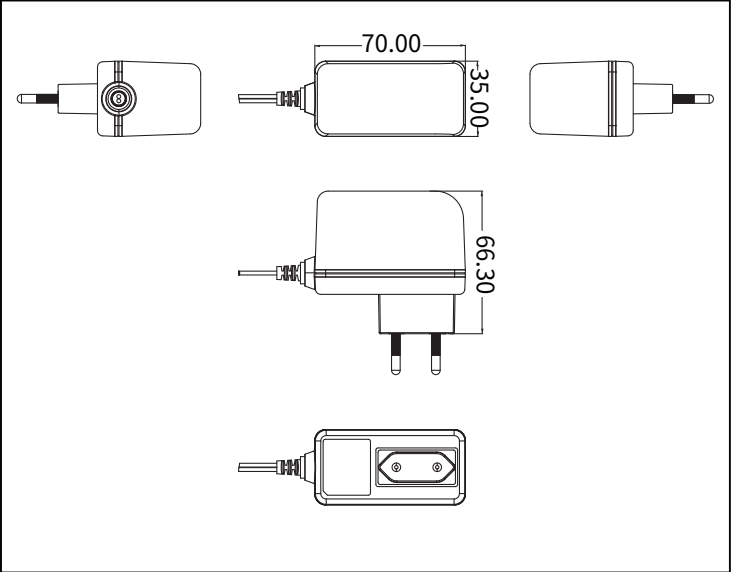
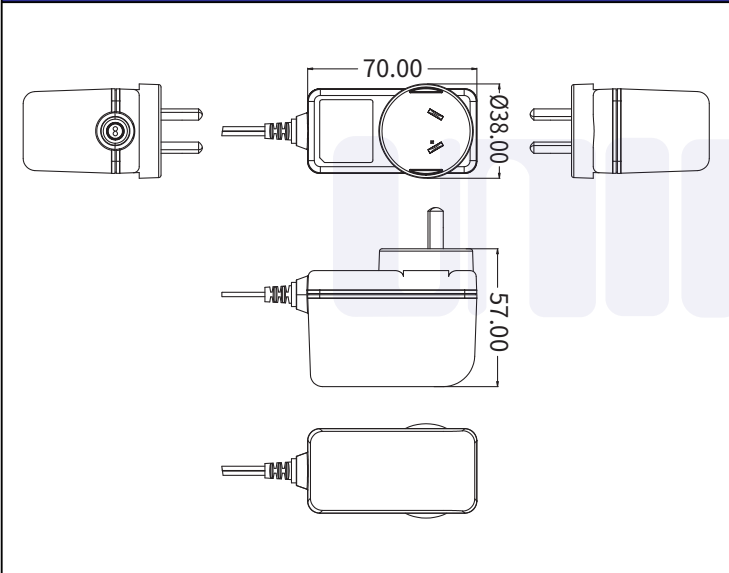
- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF Low ESR electrolytic capacitor to simulate system loading.

more detail on next page

Mechanical Spec

UMVUU3018 CB Series	UMVUL3018 CB Series
UMVUE3018 CB Series	UMVUZ3018 CB Series
UMVUA3018 CB Series	UMVUK3018 CB Series

Mechanical Spec

UMVUR3018 CB Series	UMVUF3018 CB Series
	
UMVUG3018 CB Series	
	

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