

# UMVU 18W P Series

## Medical AC/DC Adaptor Peak Power



▲ UMVUU1018 P



▲ UMVUU3018 P



▲ UMVUL3018 P



▲ UMVUE3018 P



▲ UMVUZ3018 P



▲ UMVUA3018 P



▲ UMVUK3018 P



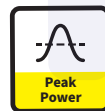
▲ UMVUR3018 P



▲ UMVUF3018 P



▲ UMVUG3018 P



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

## Product Highlights

- Stability
- Energy and High Efficiency
- Peak load 1.5 sec function
- Peak load is 170% rating output at most
- Suitable for printers/motors/pump/amplifier products
- 2xMOPP/2xMOOP
- 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
- Over Temperature 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

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	DC Output Peak Current	Time (sec)	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UMVUx3018-050030PB	5.0V	3.0A	±5%	150mV	150mV	5.1A	1.5sec	81.39%	0.1W	
UMVUx3018-059025PB	5.9V	2.5A	±5%	150mV	150mV	4.3A	1.5sec	81.28%	0.1W	
UMVUx3018-120015PB	12.0V	1.5A	±5%	150mV	150mV	2.7A	1.5sec	85.0%	0.1W	
UMVUx3018-150012PB	15.0V	1.2A	±5%	150mV	200mV	2.1A	1.5sec	85.0%	0.1W	
UMVUx3018-240750PB	24.0V	0.75A	±5%	150mV	240mV	1.4A	1.5sec	85.0%	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.

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Mechanical Spec

UMVUU1018/3018 P Series	UMVUL3018 P Series
<p>70.00 35.00 48.00</p>	<p>70.00 35.00 48.00</p>
UMVUE3018 P Series	UMVUZ3018 P Series
<p>70.00 35.00 66.30</p>	<p>70.00 35.00 48.00</p>
UMVUA3018 P Series	UMVUK3018 P Series
<p>70.00 Ø38.00 57.00</p>	<p>70.00 48.80 55.20</p>

Mechanical Spec

UMVUR3018 P Series	UMVUF3018 P Series
UMVUG3018 P Series	

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