

# UMDV 60W Series

## Medical AC/DC Adaptor Standard Product



▲ UMDVI3060



▲ UMDVB3060



▲ UMDVC3060



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



### Product Highlights

- Stability
- Energy and High Efficiency
- LED Display (Optional)
- 2xMOPP
- Suitable for medical equipment

### Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection

### Safety Standard

- 60601-1
- CNS14336
- 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
- CNS13438
- BS EN 55011

### 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

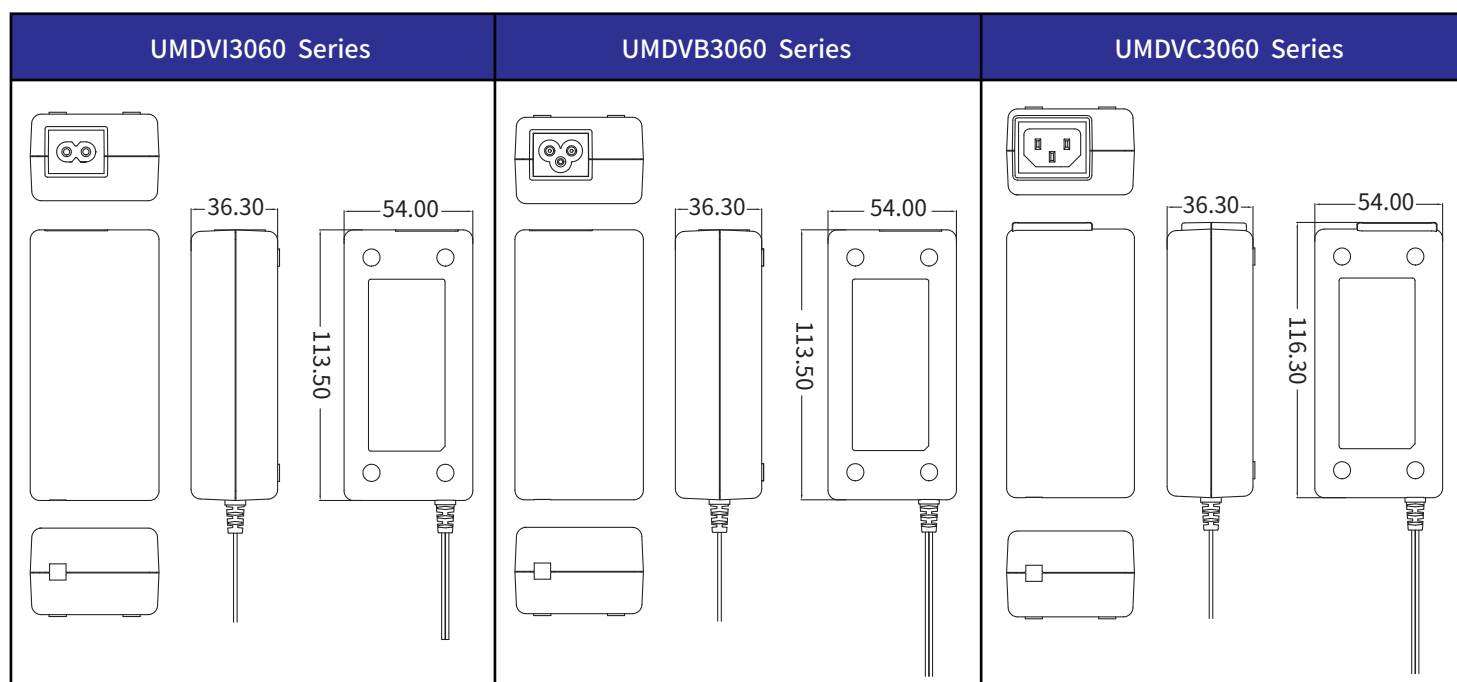
# Typical model list

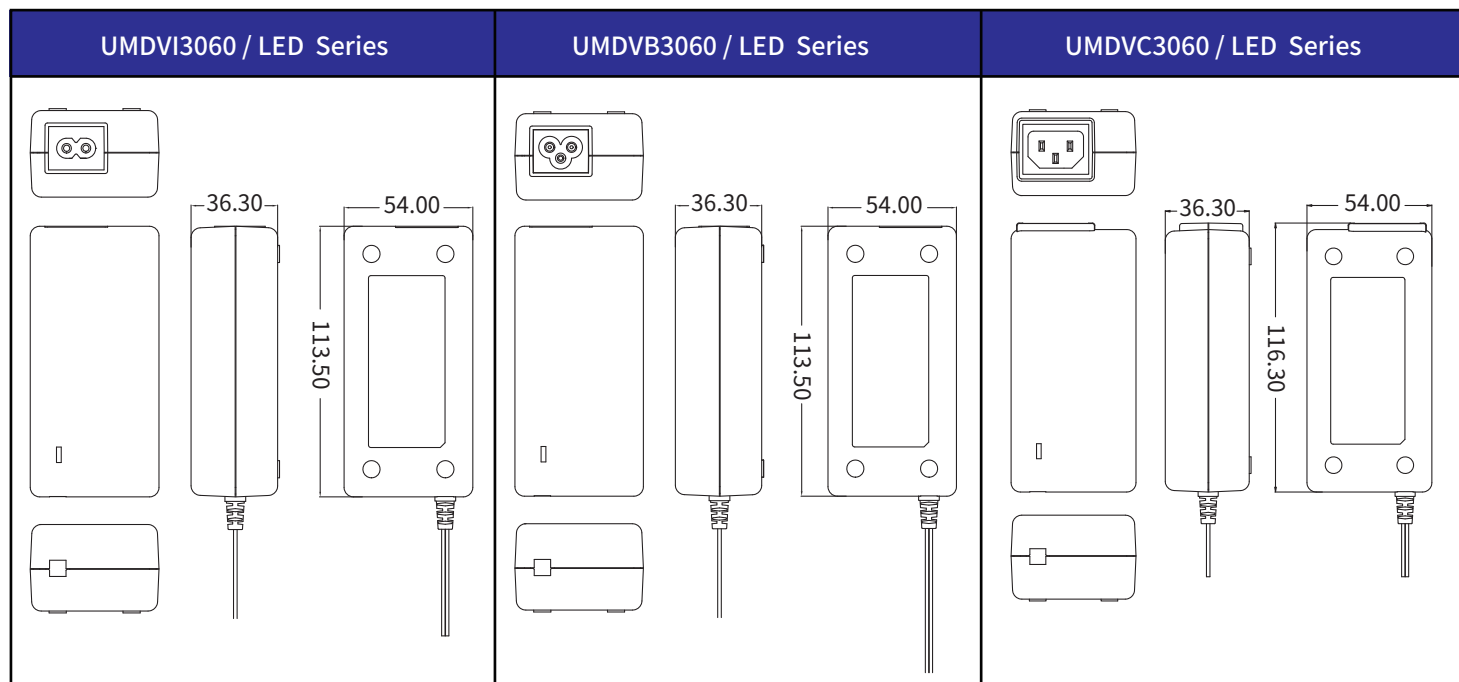
Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UMDVx3060-120050SA	12.0V	5.0A	±5%	240mV	480mV	88.00%	0.21W	
UMDVx3060-150040SA	15.0V	4.0A	±5%	240mV	480mV	88.00%	0.21W	
UMDVx3060-190031SA	19.0V	3.15A	±5%	240mV	480mV	88.00%	0.21W	
UMDVx3060-240025SA	24.0V	2.5A	±5%	240mV	480mV	88.00%	0.21W	
UMDVx3060-300020SA	30.0V	2.0A	±5%	240mV	480mV	88.00%	0.21W	
UMDVx3060-480012SA	48.0V	1.25A	±5%	240mV	480mV	88.00%	0.21W	

■ 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 electrolytic capacitor to simulate system loading.

# Mechanical Spec





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