

UMDV 45W Series

Medical AC/DC Adaptor



▲ UMDVI3045



▲ UMDVB3045



▲ UMDVC3045



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



Product Highlights

- Stability
- Compact Size
- Energy Efficiency
- Suit Medical Equipment, Health Device
- Support Motor & Pump
- LED Display (Optional)
- 2xMOPP/2xMOOP
- IEC/EN 60601-1-2

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

Safety Standard

- 60601-1
- 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 Part18 Class B
- CE CISPR 11 EN55011
- VCCI Class B

Immunity

- 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

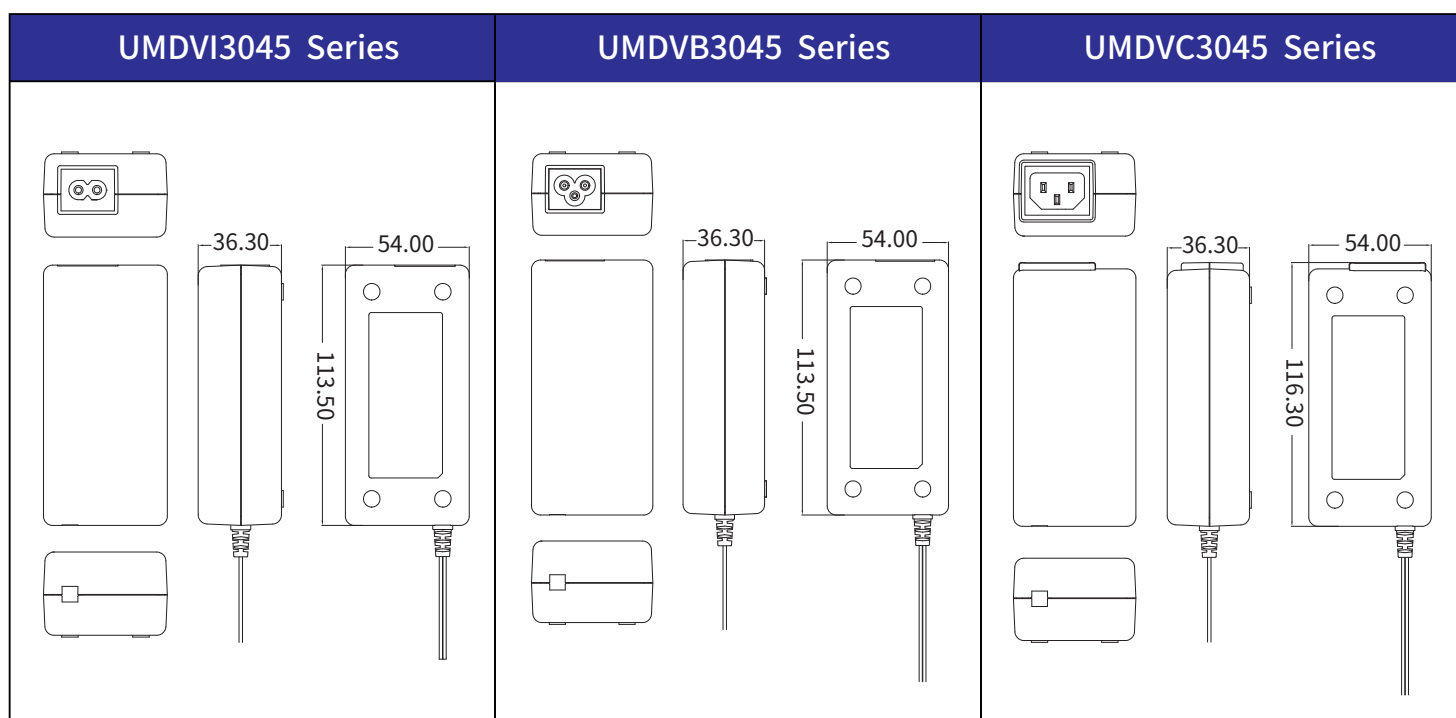
Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	12.0V	4.0A	±5%	240mV	240mV	-	-	
2	15.0V	3.2A	±5%	240mV	240mV	-	-	
3	19.0V	2.5A	±5%	240mV	480mV	-	-	
4	24.0V	2.0A	±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.

Mechanical Spec



Mechanical Spec

UMDVI3045/LED Series	UMDVB3045/LED Series	UMDVC3045/LED Series
<p>Mechanical drawings of the UMDVI3045/LED Series. The drawings show the front, side, and rear views of the device. Dimensions are indicated: 36.30 (width), 54.00 (depth), and 113.50 (height).</p>	<p>Mechanical drawings of the UMDVB3045/LED Series. The drawings show the front, side, and rear views of the device. Dimensions are indicated: 36.30 (width), 54.00 (depth), and 113.50 (height).</p>	<p>Mechanical drawings of the UMDVC3045/LED Series. The drawings show the front, side, and rear views of the device. Dimensions are indicated: 36.30 (width), 54.00 (depth), and 116.30 (height).</p>

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