

UMDV 45W P Series

Medical AC/DC Adaptor



▲ UMDVI3045-XXXXXXPA



▲ UMDVB3045-XXXXXXPA



▲ UMDVC3045-XXXXXXPA



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



Product Highlights

- Stability
- Compact Size
- Energy Efficiency
- Suit Medical Equipment, Health Device
- Peak Load 1 Sec Function
- The Peak Load is Twice Rating Current.(Max.)
- For Amplifier Products/Printers/Voice Assistants/Motors/Pump
- LED Display (Optional)
- 2xMOPP/2xMOOP
- IEC/EN 60601-1-2

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 (Optional)

Emissions

- FCC Part18 Class B
- CE CISPR 11 EN55011
- VCCI Class B
- BS EN55011

Safety Standard

- 60601-1
- PSE 別表第八

Immunity

- EN60601-1-2
- BS 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

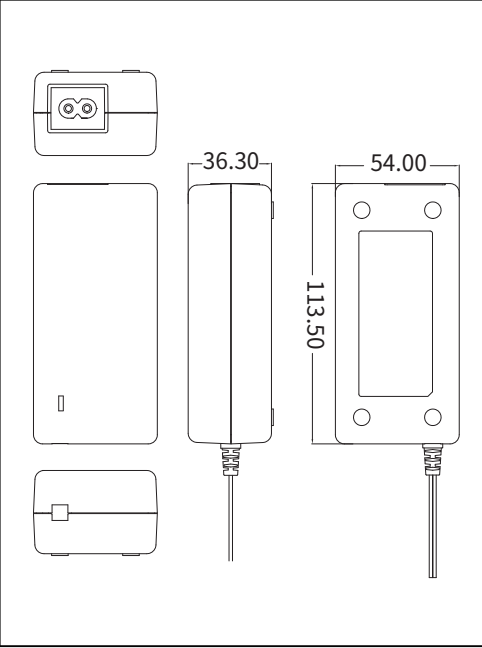
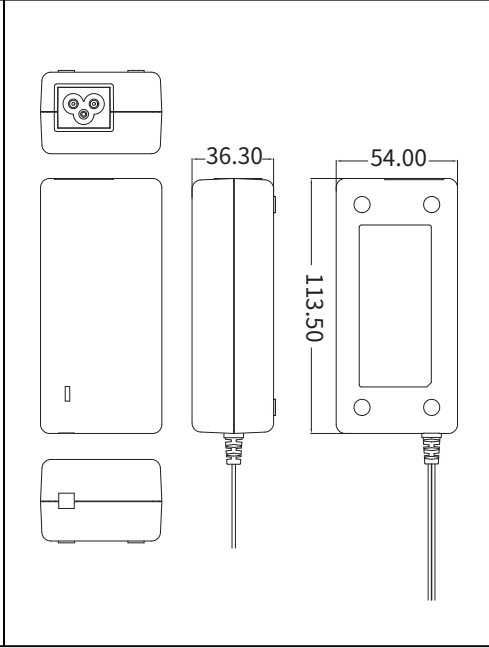
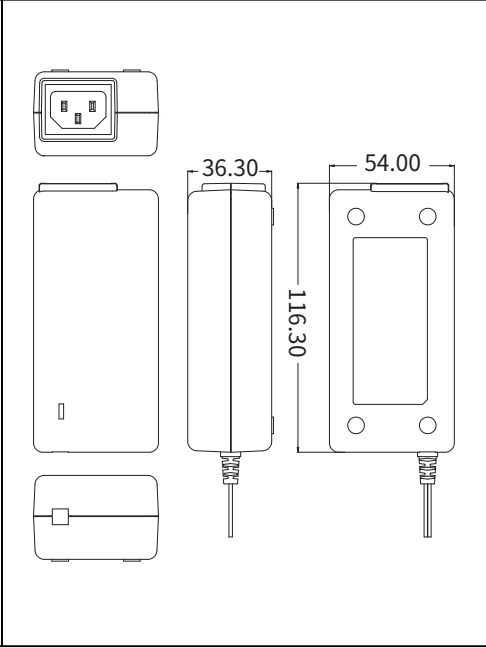
No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	DC Output Peak Current	Time (sec)	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	12.0V	4.0A	±5%	240mV	240mV	7.2A	1sec	-	-	
2	15.0V	3.2A	±5%	240mV	240mV	6.0A	1sec	-	-	
3	19.0V	2.5A	±5%	240mV	480mV	4.5A	1sec	-	-	
4	24.0V	2.0A	±5%	240mV	480mV	3.8A	1sec	-	-	

■ 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

UMDVI3045 P Series	UMDVB3045 P Series	UMDVC3045 P Series

UMDVI3045 P / LED Series	UMDVB3045 P / LED Series	UMDVC3045 P / LED Series
		

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