UMDV 65W P Series

Medical AC/DC Adaptor
Peak Power

▲ UMDVI3065-XXXXXXPA

▲ UMDVB3065-XXXXXXPA

▲ UMDVC3065-XXXXXXPA

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

Safety Certificate | Reliability Guarantee | Energy Saving | RoHS 2 | EMC | Medical Certification

Product Highlights

- Stability
- Energy and High Efficiency
- LED Display (Optional)
- Peak load 1 sec function
- Peak load is 170% rating output at most.
- Suitable for printers/motors/pump/ amplifier products
- 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 Part18-B
- CE
  - EN(CISPR)55011-B
- VCCI-B
- CNS13438
- BS EN55011

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

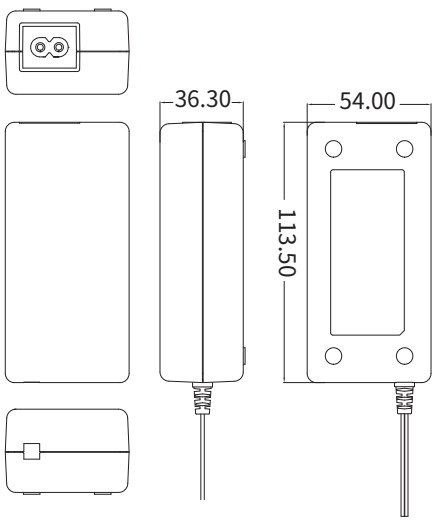
Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	DC Output Peak Current	Time (sec)	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UMDVx3065-240027PA	24.0V	2.7A	±5%	240mV	480mV	4.5A	1sec	88.00%	0.21W	
UMDVx3065-280023PA	28.0V	2.3A	±5%	240mV	480mV	3.8A	1sec	88.00%	0.21W	
UMDVx3065-300021PA	30.0V	2.15A	±5%	240mV	480mV	3.6A	1sec	88.00%	0.21W	

Measurement Condition

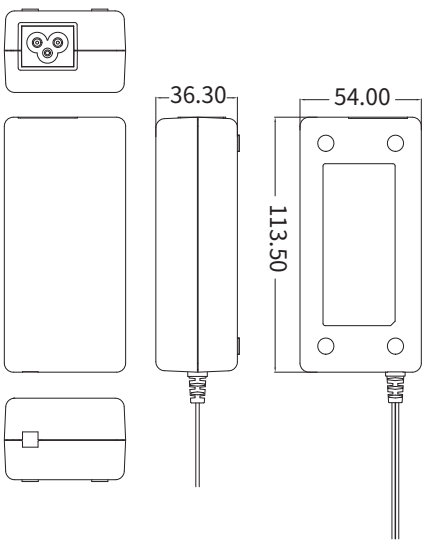
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec

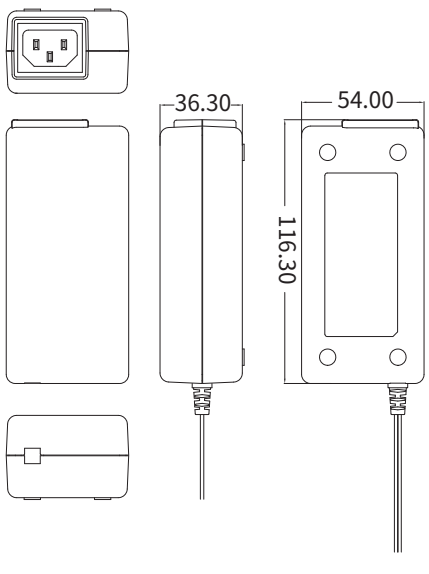
UMDVI3065 P Series



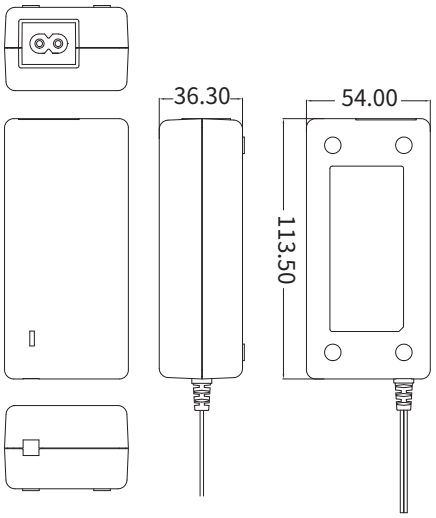
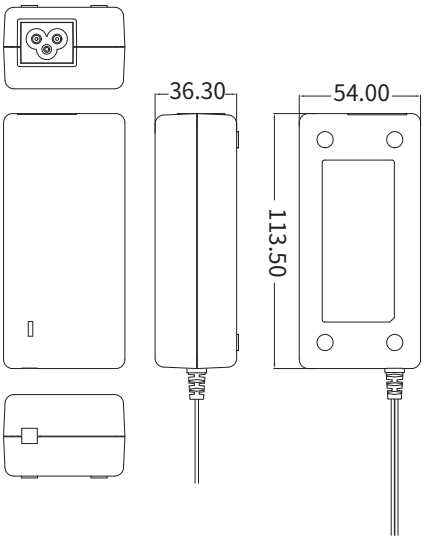
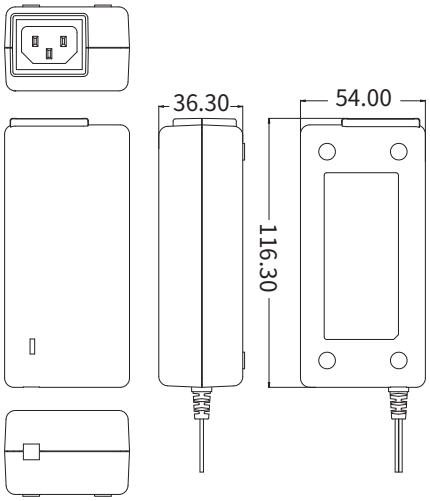
UMDVB3065 P Series



UMDVC3065 P Series



Electrical Spec

UMDVI3065 P / LED Series	UMDVB3065 P / LED Series	UMDVC3065 P / LED Series
		

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