UMDE 45W P Series

Medical AC/DC Adaptor
Peak Power

▲ UMDEI3045-XXXXXXPA

▲ UMDEB3045-XXXXXXPA

▲ UMDEC3045-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 11 sec function
- Peak load is 180% 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
- 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
- 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 Temperture	-20	-	65	°C	Free Convection,Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

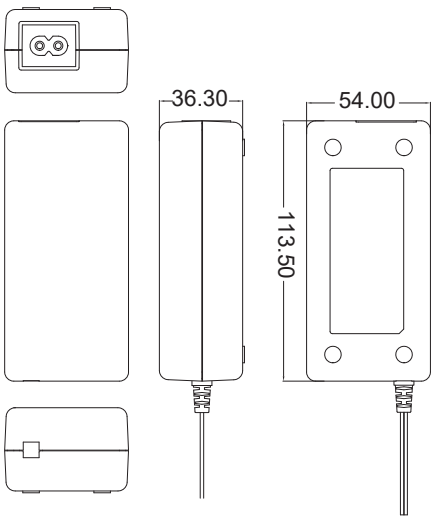
Typical model list

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
UMDEx3045-120038PA	12.0V	3.8A	±5%	150mV	300mV	6.8A	11sec	87.74%	0.1W	
UMDEx3045-150030PA	15.0V	3.0A	±5%	240mV	300mV	5.4A	11sec	87.73%	0.1W	
UMDEx3045-190023PA	19.0V	2.3A	±5%	240mV	300mV	4.2A	11sec	87.70%	0.1W	
UMDEx3045-240018PA	24.0V	1.8A	±5%	240mV	480mV	3.3A	11sec	87.69%	0.1W	

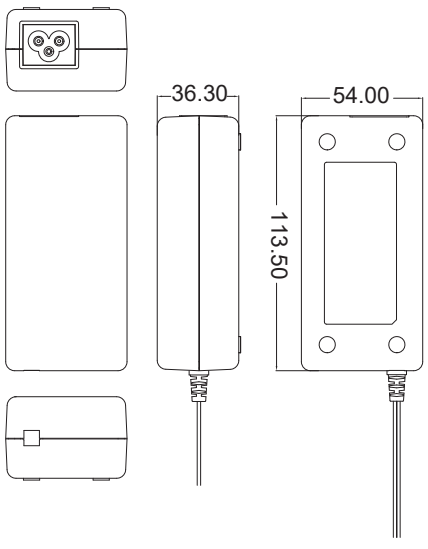
■ Measurement Condition
1. Mesurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec

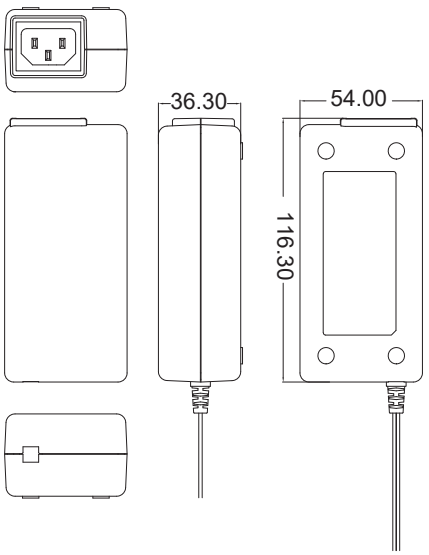
UMDEI3045 Series



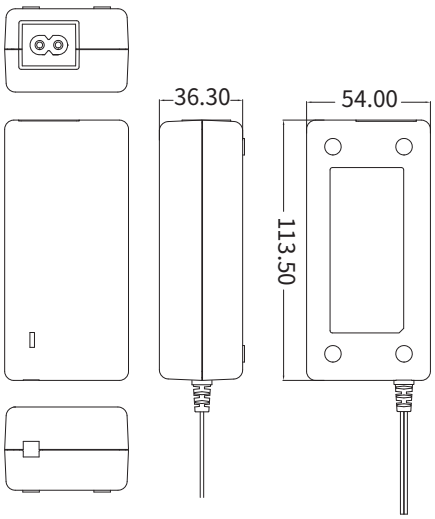
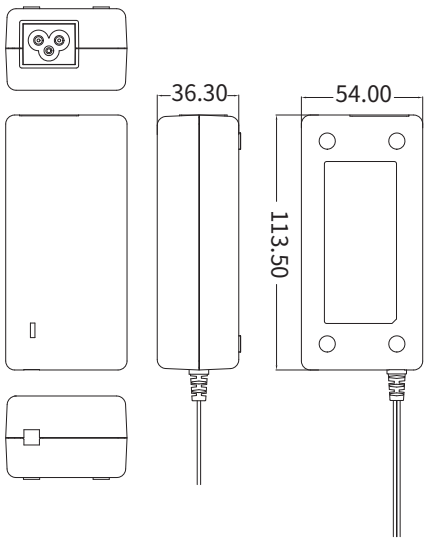
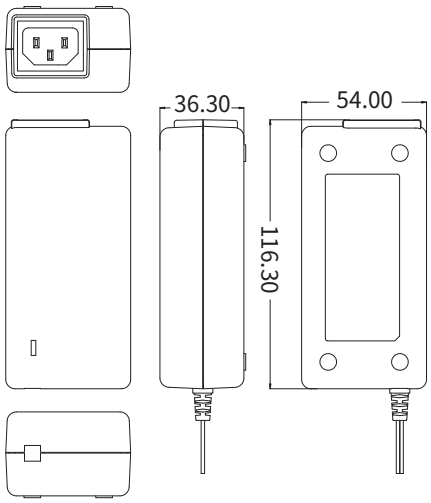
UMDEB3045 Series



UMDEC3045 Series



Mechanical Spec

UMDEI3045/LED Series	UMDEB3045/LED Series	UMDEC3045/LED Series
		

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