

UMDN 12W Series

Medical AC/DC Adaptor



▲ UMDNI3012



▲ UMDNB3012



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



Product Highlights

- Stability
- Compact Size
- Energy Efficiency
- Suit Medical Equipment,
- Health Device
- 2xMOPP/2xMOOP
- IEC/EN 60601-1-2

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current 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 Part18 Class B
- CE CISPR 11 EN55011
- VCCI Class B
- BS EN55011

Immunity

- EN60601-1-2
- BS EN60601-1-2

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

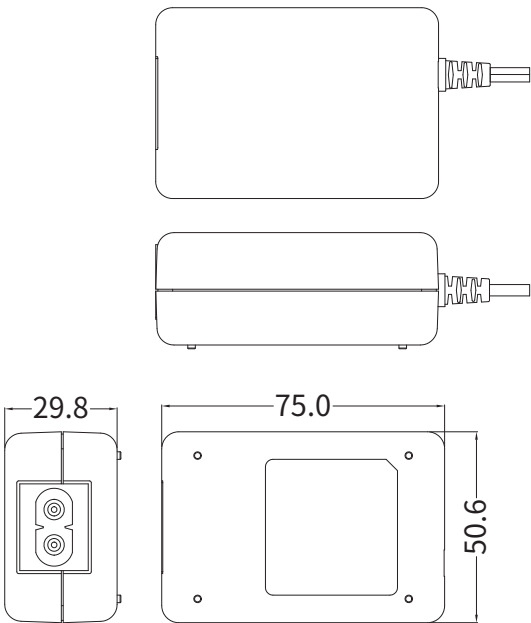
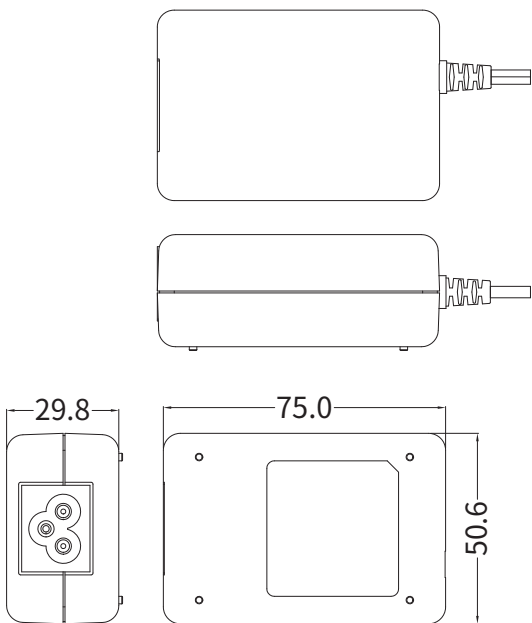
Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	5.0V	2.0A	±5%	150mV	150mV	-	-	
2	5.9V	2.0A	±5%	150mV	150mV	-	-	
3	9.0V	1.34A	±5%	180mV	180mV	-	-	
4	12.0V	1.0A	±5%	180mV	180mV	-	-	
5	15.0V	0.8A	±5%	180mV	180mV	-	-	
6	18.0V	0.67A	±5%	240mV	240mV	-	-	
7	24.0V	0.5A	±5%	240mV	240mV	-	-	

■ 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

UMDNI3012 Series		UMDNB3012 Series	
			

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