

UHDN 12W Series

Home Electronics and Appliances AC/DC Adaptor



▲ UHDNI3012



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



Safety Certificate



Reliability Guarantee



Energy Saving



ROHS 2



LPS



EMC



Household

Product Highlights

- Stability
- Energy Efficiency
- Electric Cooker, Fan
- Air Conditioning, Air Purifier

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

Safety Standard

- 61558-1
- 60335-1
- 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 Part15 Class B
- VCCI Class B
- CE CISPR 14 EN55014-1
- BS EN55014-1

Immunity

- EN55014-2
- BS EN55014-2

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

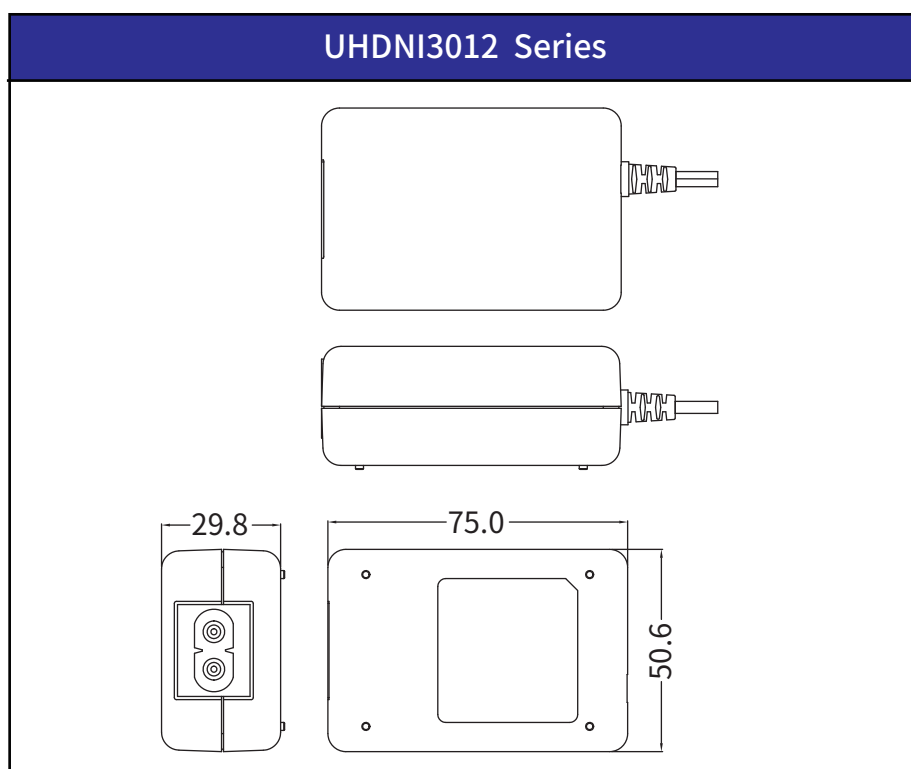
Typical model list

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	5.0V	2.0A	±5%	150mV	150mV	78.70%	0.1W	
2	5.9V	2.0A	±5%	150mV	150mV	80.33%	0.1W	
3	9.0V	1.3A	±5%	180mV	180mV	82.83%	0.1W	
4	12.0V	1.0A	±5%	180mV	180mV	82.96%	0.1W	
5	15.0V	0.8A	±5%	180mV	180mV	82.96%	0.1W	
6	18.0V	0.66A	±5%	240mV	240mV	82.91%	0.1W	
7	24.0V	0.5A	±5%	240mV	240mV	82.96%	0.1W	

■ 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



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