

UHVV 12W Series

Home Electronics and Appliances AC/DC Adaptor For lithium battery charging



▲ UHVVU3012

▲ UHVVE3012

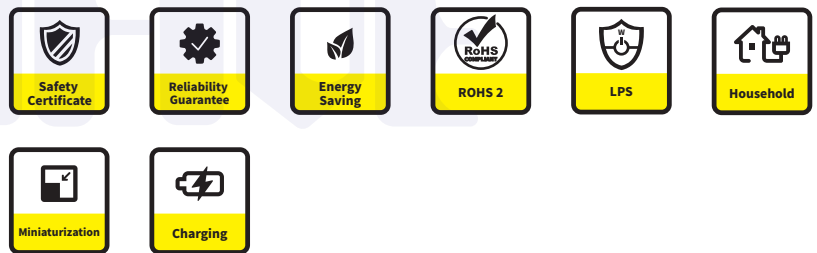
▲ UHVVK3012

▲ UHVVA3012

▲ UHVVZ3012



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



Product Highlights

- Stability
- Energy Efficiency
- Light weight
- Compact size

Protection

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

Safety Standard

- 60335-1
- 61558-1
- 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

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

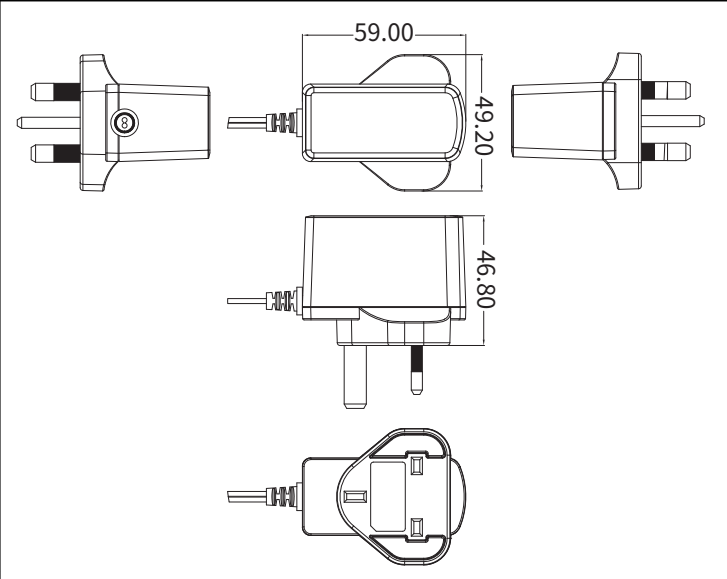
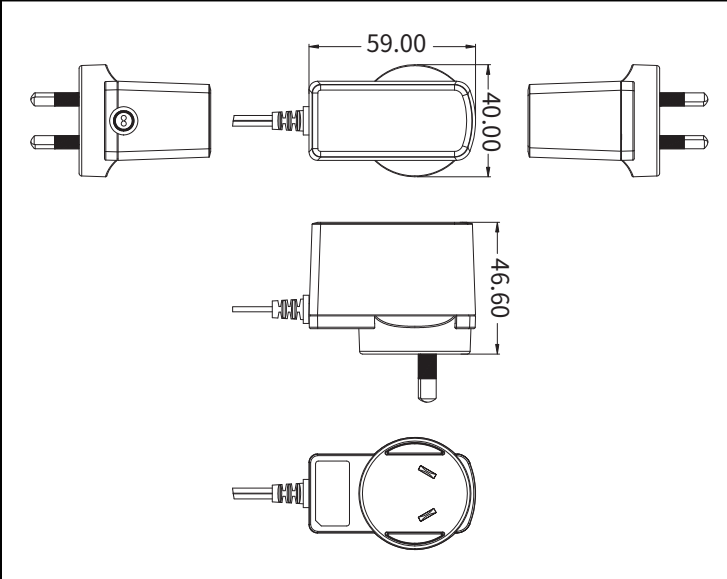
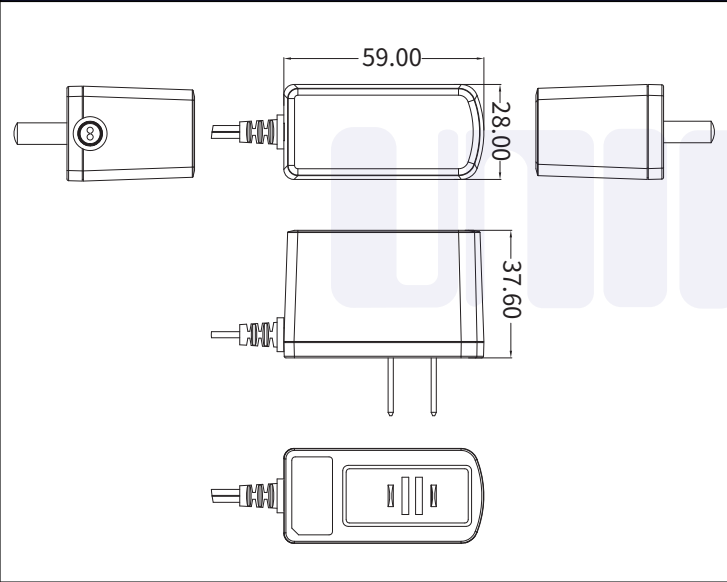
Typical model list

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%	200mV	300mV	78.7%	0.1W	
2	12.0V	1.0A	±5%	200mV	300mV	83.0%	0.1W	
3	12.3V	0.7A	±5%	200mV	300mV	80.9%	0.1W	
4	24.0V	0.5A	±5%	200mV	300mV	83.0%	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

UHVVU3012 Series	UHVVE3012 Series

UHVVK3012 Series	UHVVA3012 Series
	
UHVVZ3012 Series	
	

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