

# ULVU 18W Series

## LED Lighting AC/DC Adaptor



▲ ULVUU3018



▲ ULVUL3018



▲ ULVUZ3018



▲ ULVUE3018



▲ ULVUR3018



▲ ULVUK3018



▲ ULVUA3018



▲ ULVUF3018



▲ ULVUG3018



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



## Product Highlights

- Product comply IEC 6100-3-2 harmonic restrictions standard that over 5W and under 25W apply for all lighting appliances including LED lighting
- The limited value for LED Driver over 5W and under 25W apply for all lighting appliances including LED lighting. All of over 5W lighting devices are under harmonic restrictions
- Additional under 25W ease requirements ( additional item ③ only and item ① & ② same as before )
  - ① Class D
  - ② Judge by waveform phase
  - ③  $THD \leq 70\%$  and basic wave current for 3rd , 5th, 7th, 9th and 11th are under 35%, 25%, 30%, 20% and 20%. The 2nd harmonic under 5%
- Corresponding CV mode, we support customized for C.C. & C.V. mode, C.C. mode only, LED table lamp and LED fluorescent lamp.
- Power Factor Correction
- Suitable for LED Lights

## Efficiency

- Energy Efficiency Level VI(ErP/DoE)
- Meet COMMISSION REGULATION(EU)2019/1782
- Meet DOE 10 CFR part 429 and 430

## Protection

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

## Safety Standard

- 60950-1
- 62368-1
- 61347-1
- PSE 別表第八

## Emissions

- FCC Part15 Class B
- CE CISPR15 EN55015
- VCCI Class B

## Immunity

- EN61547

# 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

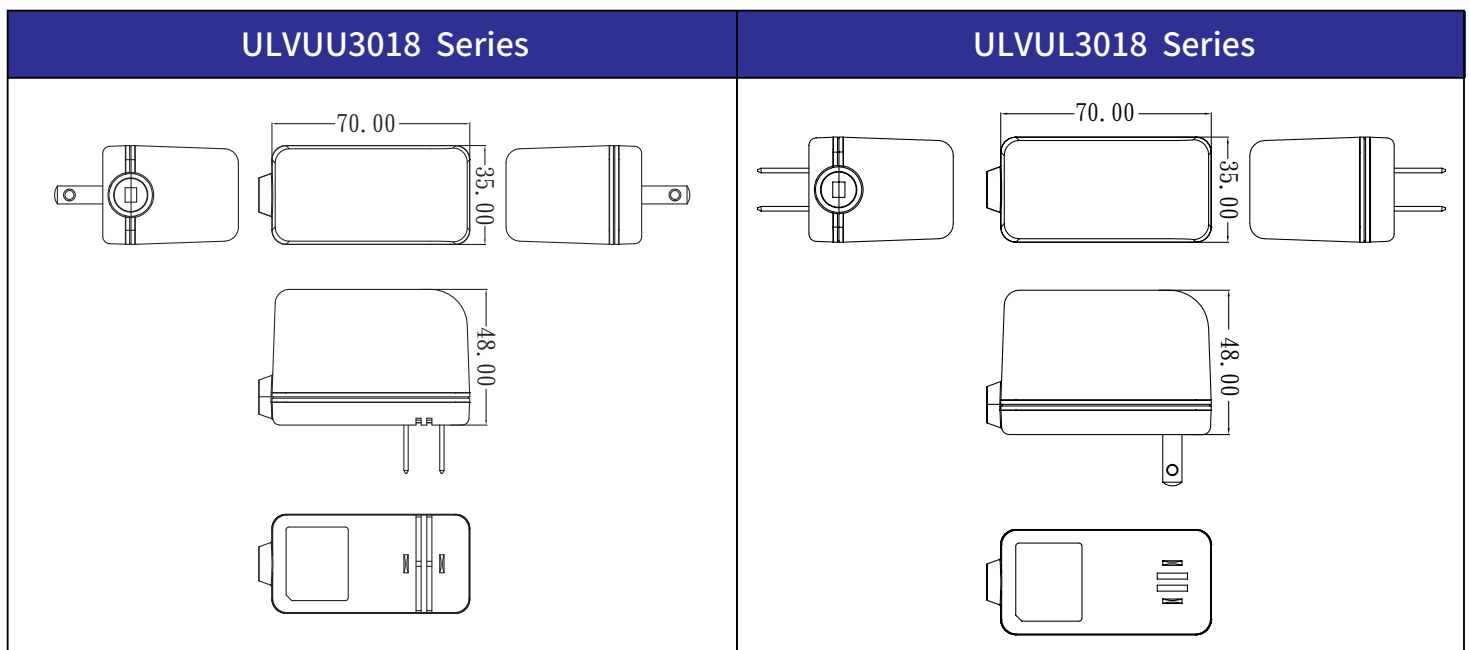
# Typical model list

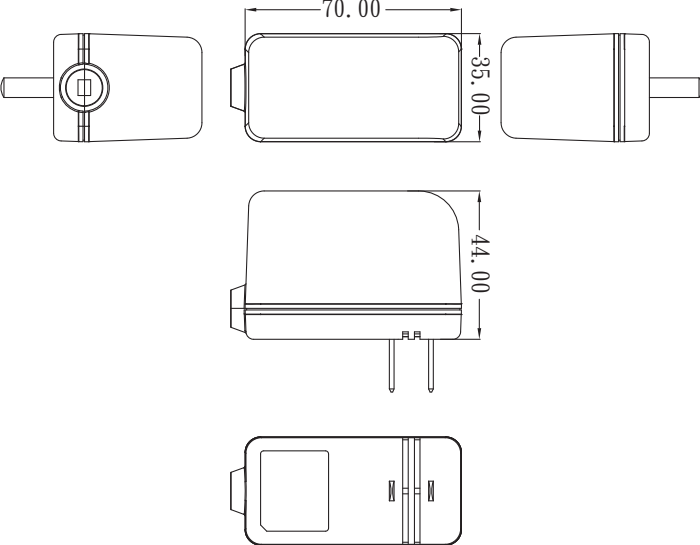
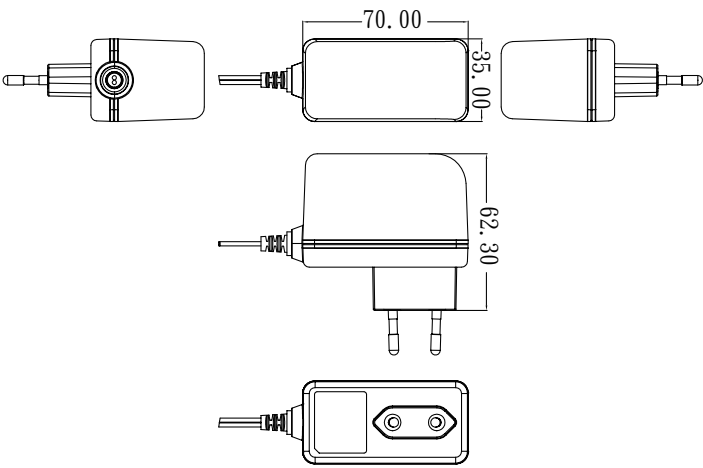
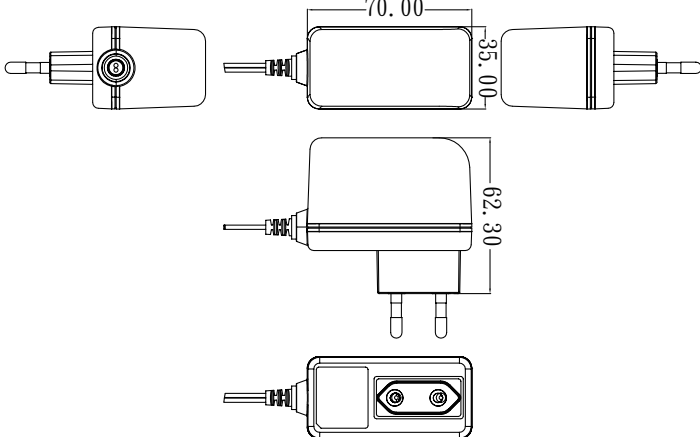
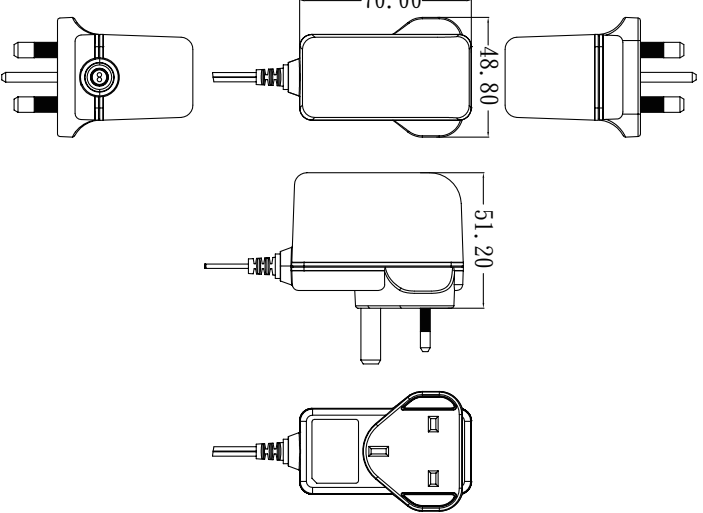
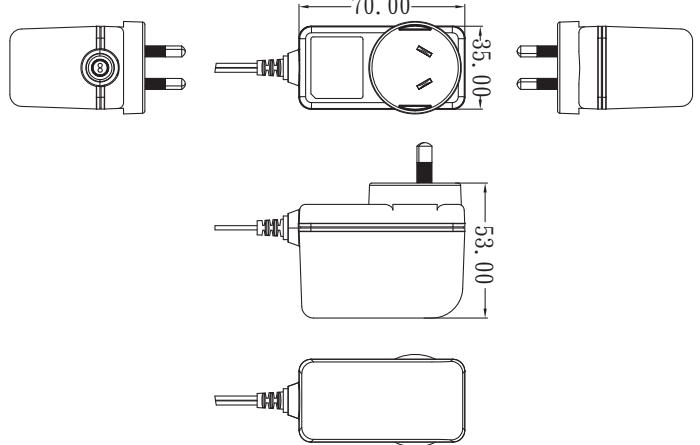
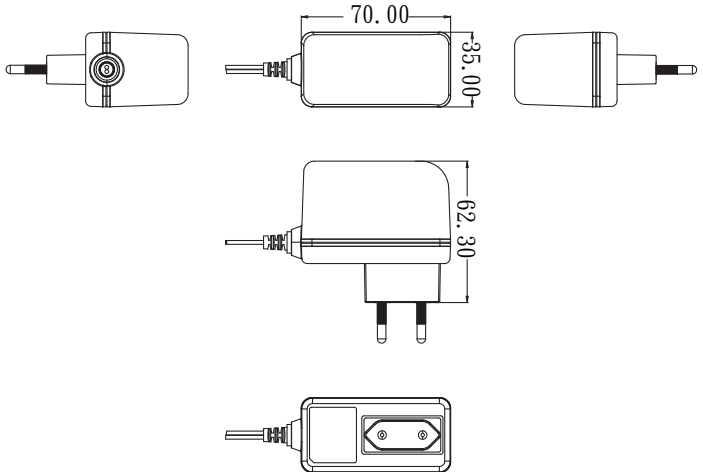
No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	24.0V	0.75A	±7%	5V	5V	85.0%	0.3W	
2	19.0V	0.95A	±7%	5V	5V	85.0%	0.3W	
3	15.0V	1.20A	±7%	5V	5V	85.0%	0.3W	
4	12.0V	1.50A	±7%	5V	5V	85.0%	0.3W	

■ Measurement Condition

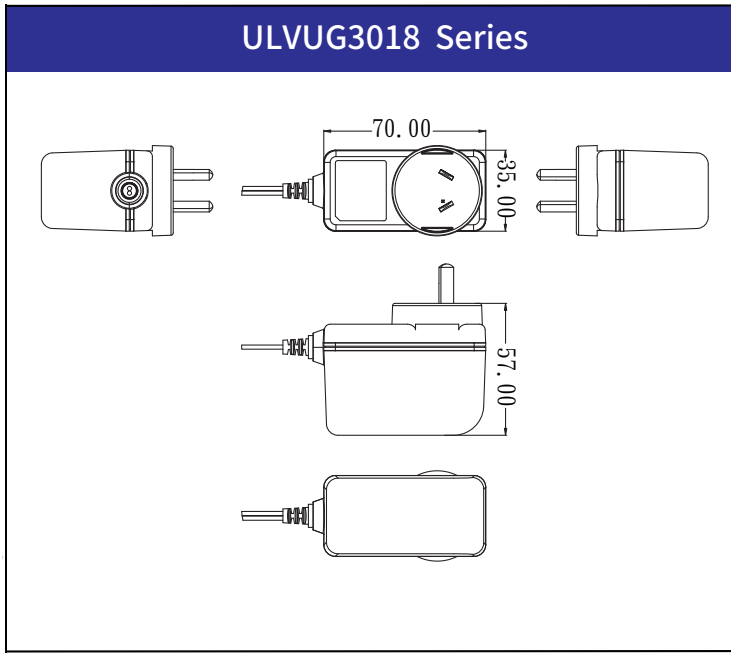
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

# Mechanical Spec



ULVUZ3018 Series	ULVUE3018 Series
	
ULVUR3018 Series	ULVUK3018 Series
	
ULVUA3018 Series	ULVUF3018 Series
	

# Mechanical Spec



the following blank

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