

# UHVFXD 20W Series

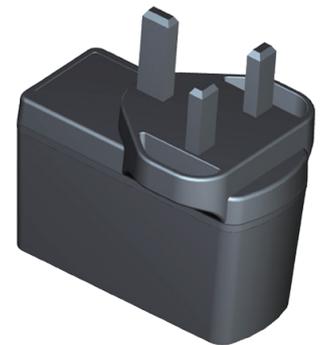
## Home Electronics and Appliances AC/DC Adaptor USB PD USB-C



▲ UHVFUD3020



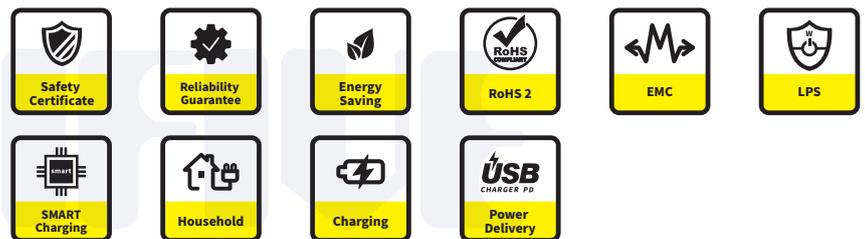
▲ UHVFED3020  
(3D Model Diagram)



▲ UHVFKD3020  
(3D Model Diagram)



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



### Product Highlights

- Stability
- Energy and High Efficiency
- Small size
- Mobility
- Suitable for home appliances
- Suitable for equipment which meet 60335

### 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

### Emissions

- FCC
  - FCC Part15-B
- CE
  - EN(CISPR)55014-B
- VCCI-B
- BS EN55014-1

### Safety Standard

- 61558-1
- PSE 別表第八

### Immunity

- EN55014-2
  - BS EN55014-2
- The above specifications include the following test standards
- ✓ EN61000-4-2
  - ✓ EN61000-4-3
  - ✓ EN61000-4-4
  - ✓ EN61000-4-5
  - ✓ EN61000-4-6
  - ✓ EN61000-4-11

# 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 Temperature	-20	-	65	°C	Free Convection, Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

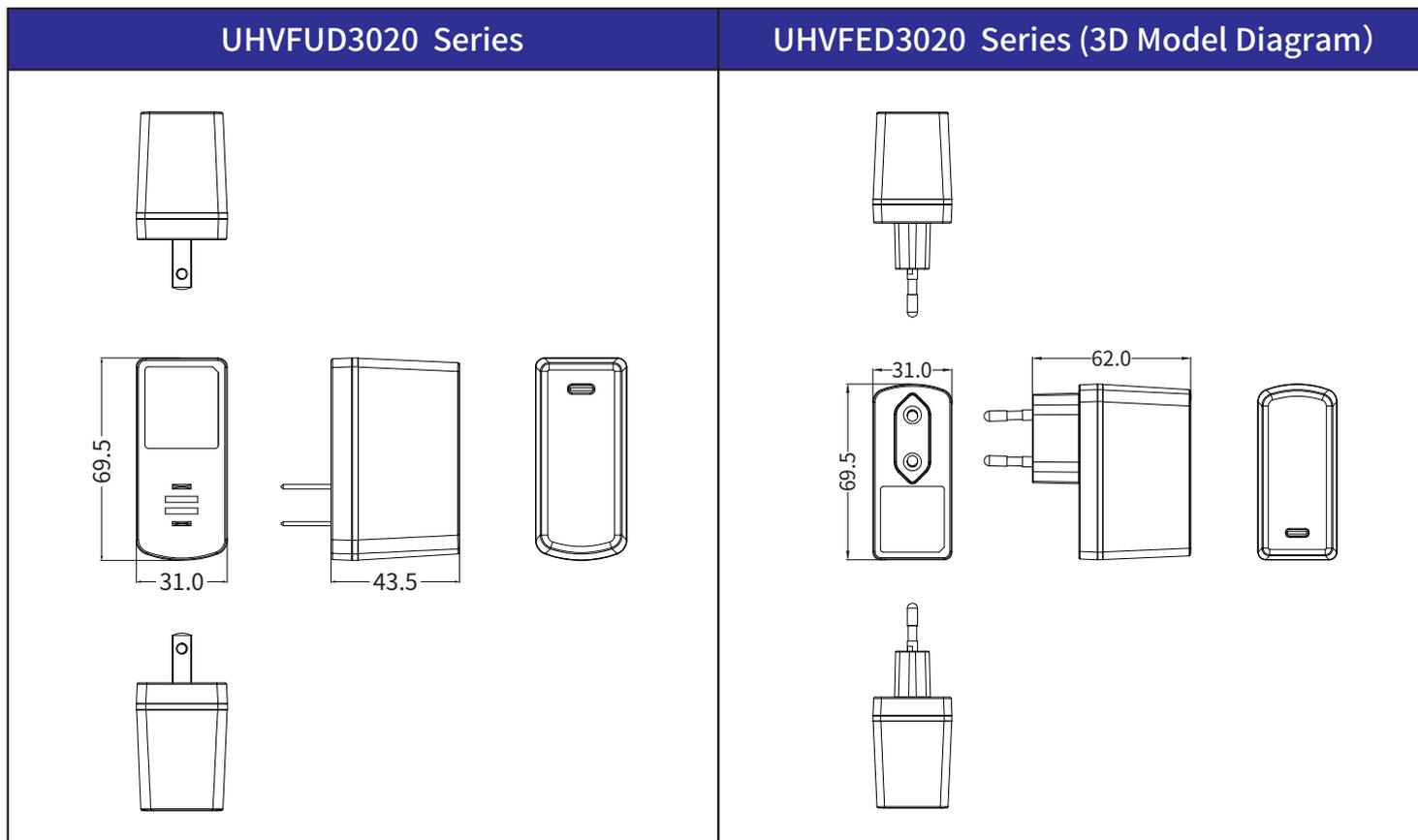
# Typical model list

Output Condition	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
USB-C	UHVFXD3020-120016S	5.0V	3.0A	±5%	150mV	200mV	81.39%	0.1W	PD
		9.0V	2.22A	±5%	240mV	240mV	85.47%		
		12.0V	1.67A	±5%	240mV	240mV	85.48%		

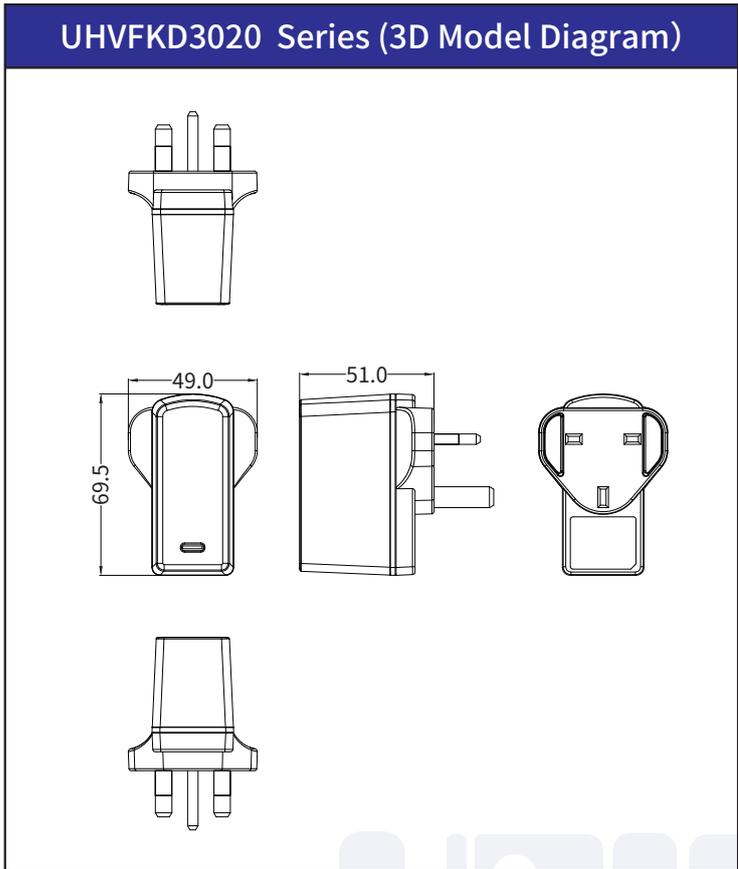
■ Measurement Condition

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 Low ESR electrolytic capacitor to simulate system loading.

# Mechanical Spec



Mechanical Spec



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