

# UMVFUB 15W Series

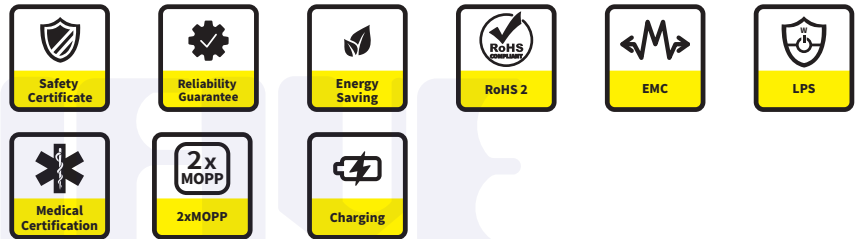
**Medical AC/DC Adaptor**  
**USB/USB PD**  
**USB-C**



▲ **UMVFUB3015**  
**(3D Model Diagram)**



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



## Product Highlights

- Stability
- Energy and High Efficiency
- Small size
- Mobility
- 2xMOPP
- Suitable for medical equipment

## 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
- Meet DOE VII Draft

## Emissions

- FCC
  - FCC Part18-B
- CE
  - EN(CISPR)55011-B
- VCCI-B
- BS EN55011

## Immunity

- EN60601-1-2
  - BS EN60601-1-2
- The above specifications include the following test standards
- ✓ EN61000-4-2
  - ✓ EN61000-4-3
  - ✓ EN61000-4-4
  - ✓ EN61000-4-5
  - ✓ EN61000-4-6
  - ✓ EN61000-4-8
  - ✓ 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

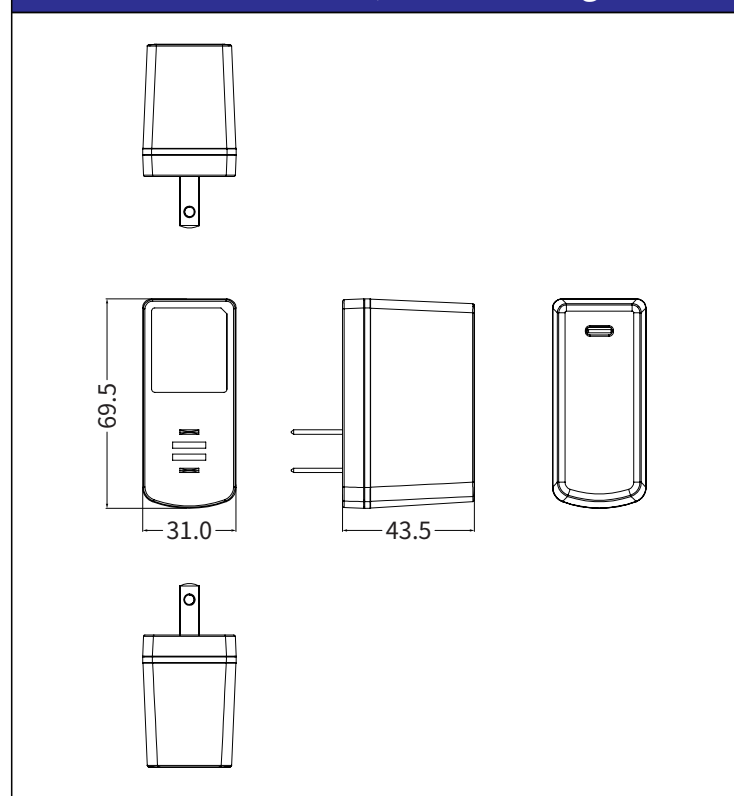
| Output Condition | Model Name          | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Average Active Efficiency | No-Load Power Consumption | Option / Remark |
|------------------|---------------------|-------------------|-------------------|--------------------------|--------|-------|---------------------------|---------------------------|-----------------|
| USB-C            | UMVFUB3015-050030SA | 5.0V              | 3.0A              | ±5%                      | 150mV  | 150mV | 81.84%                    | 0.075W                    |                 |

■ Measurement Condition

- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- 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

### UMVFUB3015 Series(3D Model Diagram)



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