

UNWCU 18W

USB PD/QC AC/DC Adaptor Foldable AC Plug / USB-C + USB-A



▲ UNWCU3018 DB



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



Product Highlights

- Stability
- Ultra Small Size
- Light Weight
- Efficiency DOE6
- Support PD3.0, PPS, QC3.0, Apple Mode, DFP, SCP, FCP, AFC, MTK PE1.1, MTK PE2.0, Apple2.4A, Samsung 2.0A, BC1.2
- Suit Mobile Phone, Note Book, Charging Electronic Device

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 Part 15 Class B
- CE CISPR 32 EN55032
- VCCI Class B

Safety Standard

- 60950-1
- 62368-1
- PSE 別表第八 100V 基準に準拠

Immunity

- EN 55035

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 | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple | Noise | Average Active Efficiency | No-Load Power Consumption | Option/Remark |
|------------------|-------------------|-------------------|--------------------------|--------|-------|---------------------------|---------------------------|---------------|
| USB-C | 5.0V | 3.0A | ±5% | 150mV | 240mV | 81.39% | 0.1W | PD |
| | 9.0V | 2.0A | ±5% | 150mV | 240mV | 85.00% | 0.1W | |
| | 12.0V | 1.5A | ±5% | 150mV | 240mV | 85.00% | 0.1W | |
| USB-A | 5.0V | 3.0A | ±5% | 150mV | 240mV | 81.39% | 0.1W | Quick Charge |
| | 9.0V | 2.0A | ±5% | 150mV | 240mV | 85.00% | 0.1W | |
| | 12.0V | 1.5A | ±5% | 150mV | 240mV | 85.00% | 0.1W | |

■ Measurement Condition

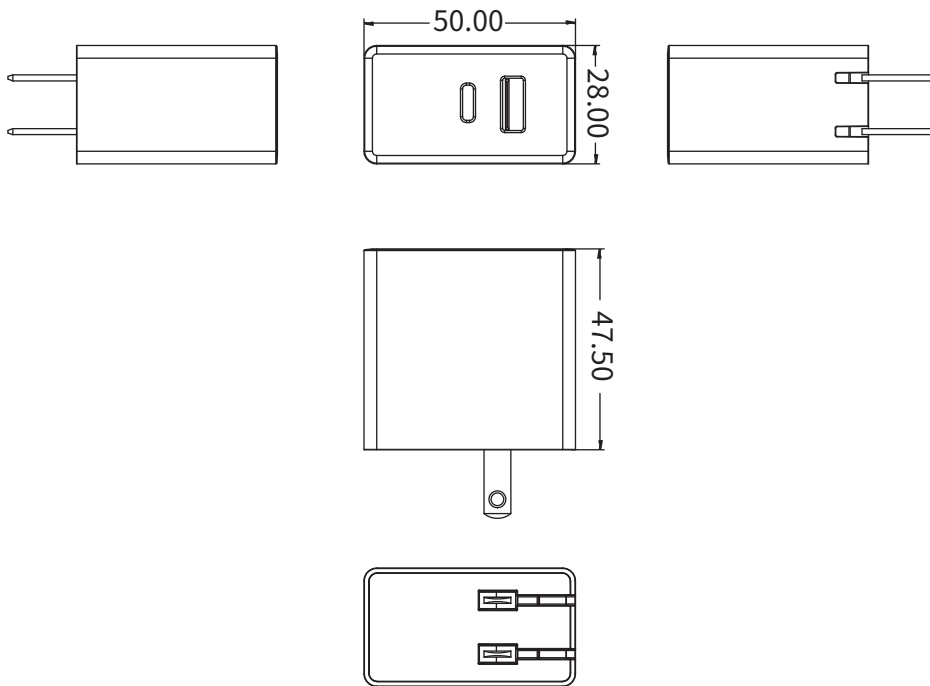
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Output Distribution

| Single Port Charging | Two Ports Charging |
|----------------------|--------------------|
| | |

more detail on next page

UNWCU3018 DB Series



UNIFIVE

the following blank

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