

UHDV 60W P Series

Home Electronics and Appliances AC/DC Adaptor



▲ UHDVI3060-XXXXXXPA



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



Product Highlights

- Stability
- Energy Efficiency
- Electric Cooker, Fan, Air Conditioning, Air Purifier
- Peak Load 1 Sec Function
- The Peak Load is Twice Rating Current.(Max.)
- Support Motor & Pump
- LED Display (Optional)

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
- Over Temperature Protection (Optional)

Emissions

- FCC Part15 Class B
- VCCI Class B
- CE CISPR 14 EN55014-1

Safety Standard

- 61558-1
- PSE 別表第八

Immunity

- EN55014-2

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 | DC Output Peak Current | Time (sec) | Average Active Efficiency | No-Load Power Consumption | Option/Remark |
|-----|-------------------|-------------------|--------------------------|--------|-------|------------------------|------------|---------------------------|---------------------------|---------------|
| 1 | 12.0V | 5.0A | ±5% | 240mV | 480mV | 8.5A | 1sec | 87.0% | 0.25W | |
| 2 | 15.0V | 4.0A | ±5% | 240mV | 480mV | 7.0A | 1sec | 88.0% | 0.25W | |
| 3 | 19.0V | 3.15A | ±5% | 240mV | 480mV | 5.4A | 1sec | 88.0% | 0.25W | |
| 4 | 24.0V | 2.5A | ±5% | 240mV | 480mV | 4.5A | 1sec | 88.0% | 0.25W | |
| 5 | 30.0V | 2.0A | ±5% | 240mV | 480mV | 3.6A | 1sec | 88.0% | 0.25W | |
| 6 | 48.0V | 1.25A | ±5% | 240mV | 480mV | 2.2A | 1sec | 88.0% | 0.25W | |

■ 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

| UHDVI3060 Series | UHDVI3060/LED Series |
|------------------|----------------------|
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