

LED Driver 150W Desktop Series

UJCW Series



Product Highlights:

- ✓ Stability
- ✓ Metal case for more durability
- ✓ Energy efficiency plus PFC function
- ✓ Heat and water resistant for longer life time
- ✓ Suit LED lighting product
- ✓ Meet IP 67 Standards
- ✓ PF>0.9

Protection:

- ✓ Short circuit protection
- ✓ Over Voltage Protection
- ✓ Over Current Protection
- ✓ Thermal Shutdown capability (Option)

Emissions:

- ✓ EN 55015 : 2006+A1:2007

Immunity:

- ✓ Electrostatic discharge: 61000-4-2
- ✓ Radiated electromagnetic fields:61000-4-3
- ✓ Fast transients (Burst): 61000-4-4
- ✓ Surge transients: 61000-4-5
- ✓ Conducted disturbance: 61000-4-6
- ✓ Voltage dips, interruptions & Variations:61000-4-11

Electrical Spec:

Absolute Maximum Rating

| Input | | | | | |
|-------------|-----|---------|-----|-------|-----------------------------|
| Description | Min | Typ | Max | Units | Comment |
| Voltage | 90 | 120/240 | 264 | VAC | 2 Wire No Protection Ground |
| Frequency | 47 | 50/60 | 63 | Hz | |

| Environmental | | | | | |
|---------------------------|-----|-----|-----|-------|---------------------------|
| Description | Min | Typ | Max | Units | Comment |
| Operating Temperature | -20 | - | 50 | °C | Free Convection,Sea level |
| Non-Operating Temperature | -20 | - | 85 | °C | Free Convection,Sea level |
| Operating Humidity | 5 | - | 95 | %RH | No Condensing |
| Non-Operating Humidity | 5 | - | 95 | %RH | No Condensing |

Typical model list:

LED Driver 150W Series Desktop

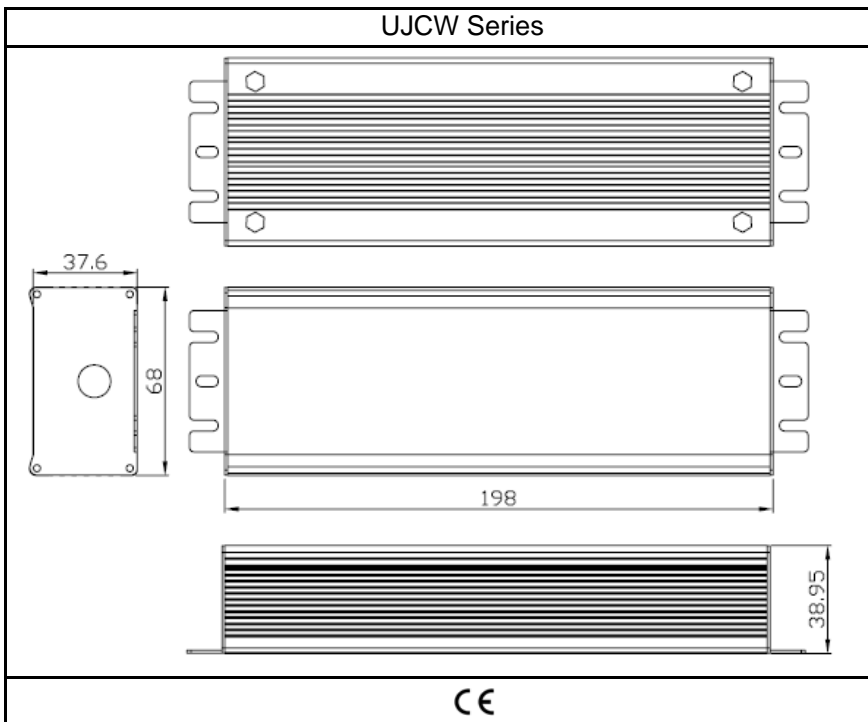
| Input Condition | DC Output Voltage | DC Output Current | C.V | | Option/Remark |
|---|-------------------|-------------------|-------------|-------|---------------|
| | | | Current MAX | | |
| Input Voltage: 90V-264Vac Frequency: 47-63Hz | 1 | 24V | 6.25A | 6.25A | |
| | 2 | 36V | 4.17A | 4.17A | |
| | 3 | 42V | 3.57A | 3.57A | |
| | 4 | 48V | 3.13A | 3.13A | |
| | 5 | 54V | 2.78A | 2.78A | |
| | 6 | 81V | 1.85A | 1.85A | |
| | 7 | - | - | - | - |

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:



Packing Spec:

| Type | Pcsper Carton | Gross Weight (kg) | Net Weihgt(kg) | Size(mm) | CBM(m2) | Container | Ctn/Contai ner | Pcs/Contai ner | Gross Weingt (Ton) | Remark |
|----------|---------------|-------------------|----------------|-------------|---------|-----------|----------------|----------------|--------------------|--------------|
| UJCW3150 | 12 | 13.02 | 11.52 | 406x250x298 | 1x1.2 | 20 | 800 | 9600 | 10656 | Bulk package |