



Safety , Efficient & Earth friendly

Open Frame Switching Power Supply 90W Dual Output Series

UOP Series



Product Highlights:

- ✓ Stability
- ✓ Compact size
- ✓ Flexibility
- ✓ Energy efficiency
- ✓ Suit computer device, small house hold equipment

Protection:

- ✓ Short circuit protection
- ✓ Over Voltage Protection
- ✓ Over Current Protection

Safety Approvals:

- ✓ UL60950
- ✓ CAN/CSA C22.2 NO. 60950
- ✓ CE (Low Voltage Directive)
- ✓ IEC 60950

Immunity:

- ✓ EN55024/A1:2001
- ✓ 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 | 0 | - | 40 | °C | Free Convection,Sea level |
| Non-Operating Temperture | -20 | - | 85 | °C | Free Convection,Sea level |
| Operating Humidity | 10 | - | 90 | %RH | No Condensing |
| Non-Operating Humidity | 10 | - | 90 | %RH | No Condensing |

Typical model list:

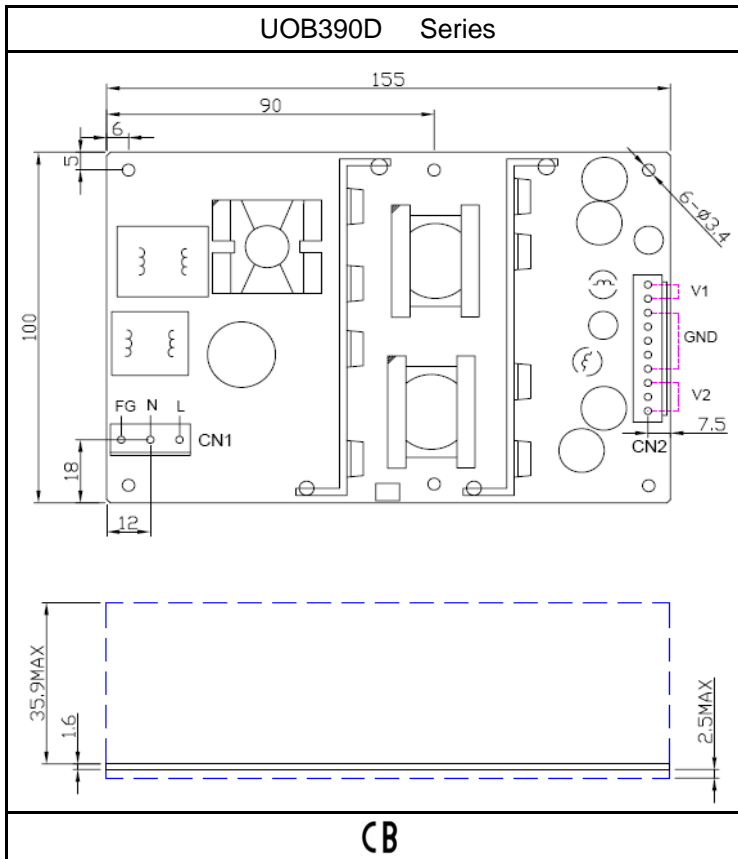
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| Input Condition | | DC Output Voltage | DC Output Current | Output Voltage Precision | Ripple & Noises | Regulation | | Option/Remark |
|-----------------|--|-------------------|-------------------|--------------------------|-----------------|------------|------|---------------|
| | | | | | | Line | Load | |
| 1 | | 5.1V | 6.3A | ±5% | 50mV | ±1% | ±5% | |
| | | 12V | 4.5A | ±5% | 100mV | ±1% | ±5% | |
| 2 | | - | - | - | - | - | - | - |

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 |
|---------|---------------|-------------------|----------------|-------------|---------|-----------|----------------|----------------|--------------------|--------------|
| UOP390D | 32 | 12.28 | 9.28 | 565x393x255 | 1x1.2 | 20 | 400 | 12800 | 5152 | Bulk package |