



### Features

- Wide Input Range
- RoHS Compliance
- Input Voltage Protection Installation
- Over Current Protection Installation
- Over Temperature Protection Installation
- Short Circuit Protection Installation
- 100% Burn-In
- LED Indication
- MTBF: >50,000 hours

### ED1075 xx - vv PP

**xx:** DC Input Type:

91 for EDACPOWER standard cigarette lighter

**vv:** Specified output voltage, ie 24 is 24Vdc

**PP:** Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

### Electrical Specifications

| MODEL No. | MAX. OUTPUT POWER (W) | INPUT VOLTAGE (Vdc) | OUTPUT VOLTAGE (Vo) | LOAD      |           | LOAD REGULATION | LINE REGULATION | RIPPLE & NOISE |
|-----------|-----------------------|---------------------|---------------------|-----------|-----------|-----------------|-----------------|----------------|
|           |                       |                     |                     | MIN. (Io) | MAX. (Io) |                 |                 |                |
| ED1075    | 75W                   | 11~16V              | 15~24V              | 0         | 4A        | ± 5%            | ± 2%            | 200mV          |

#### NOTE:

1 : Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Max. Output Power (W) ≥ Vo x Io

### Electrical Specifications

#### INPUT

- Input Range 11 to 16 Vdc
- Input Current 7A Max.
- Inrush Current No Damage to relative components
- Efficiency 85% Min. Nominal input

#### OUTPUT

- Over Current Protection Auto Recovery
- Over Temperature Protection Auto Recovery

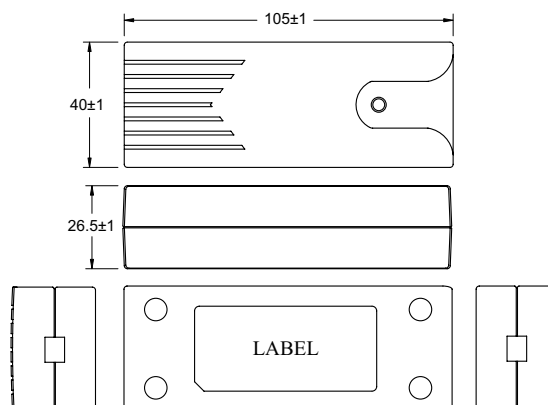
#### ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

#### SAFETY

- CE

### Mechanical Specification



- Case Size: 105L x 40W x 26.5H (mm)
- DC Input: Cigarette Lighter with UL1185 dc cable.
- Weight: 220g