

LED DRIVER

ED-DR-WG03 Series



PRODUCT FEATURE

- Universal AC with full range.
- High efficiency up to 90%.
- Protection: Short circuit/ over current/ over voltage.
- Cooling by free air convection.
- Built-in constant current limiting circuit.
- High Reliability.
- Suitable for LED lighting and electronic screen application.
- Compliance to worldwide safety regulation for lighting.



INPUT

| | |
|-------------------------|---|
| Voltage Range: | 100~277VAC |
| Frequency Range: | 50~60Hz |
| Power Factor: | PF \geq 0.98/120VAC. PF \geq 0.90/277VAC (at full load) |
| AC Current: | 0.50A |
| Leakage Current: | <0.75mA / 277VAC |
| Inrush Current: | 20A/277VAC |
| THD: | <20% |

OUTPUT

| | |
|---------------------------------|----------------------|
| Model: | ED-DR-WG03-1 |
| Rated Power: | 40W |
| Outout Channel: | 1 Channel |
| Rated Current: | 1000mA |
| DC Voltage: | 40V |
| Constant Current Region: | 30-40W |
| Efficiency: | 91% |
| Life Span: | 50,000 Hours |
| Current Accuracy: | 5% |
| Line Regulation: | 1% |
| Hold Up Time: | 30ms (at full load) |
| Setup, Rise Time: | 300ms (at full load) |

PROTECTION

| | |
|----------------------|--|
| Over Current | 105~110% Iout |
| | Constant current limiting recovers automatically after fault condition is revmored |
| Short Circuit | Hiccup mode, Recovers automatically after fault condition is removed |
| Ovcer Voltage | 105~125% |
| | Protection type: Shuts down output voltage |

LED DRIVER

ED-DR-WG02 Series

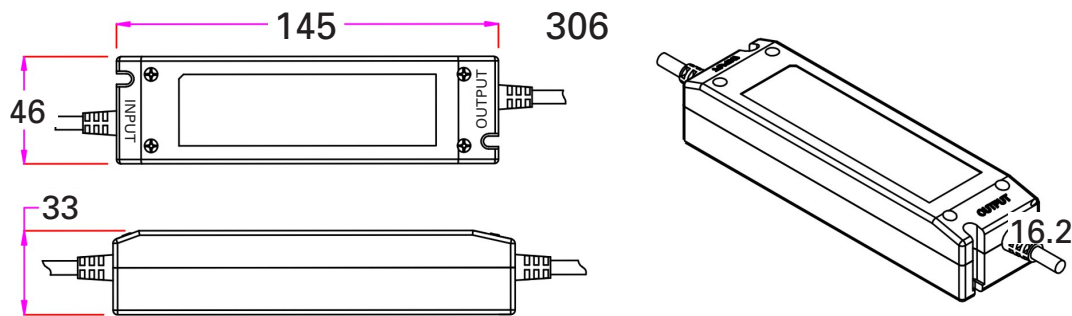


ENVIRONMENT

| | |
|---------------------------------|--|
| Working Temperature: | -20~+40°C |
| Working Humidity: | 20-95%RH non-condensing |
| Storage Temp., Humidity: | -40~+60°C, 10~95%RH |
| Temp Coefficient: | 0.03%/ C(0~40°C) |
| Vibration: | 10-500Hz,2G 12Min./1cycle, period for 72min. each along X, Y, Z axes |

MECHANICAL SPECIFICATION

Unit:mm

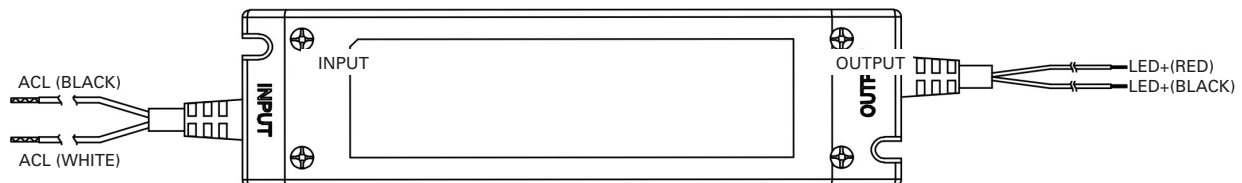


WIRE CONNECTION

| Wire Color | Assignment |
|------------|------------|
| Black | AC L |
| White | AC N |

| Packing Size (cm) | Weight (KG) | Quantity |
|-------------------|-------------|----------|
| 37x37x40 | 22.5 | 100 pcs |

| Wire Color | Assignment |
|------------|------------|
| Red | LED1+ |
| Black | LED1- |



APPLICATION

ED-DR-WG01-2

| Item | Application Production | Model Name | Quantity |
|------|------------------------|--------------------|----------|
| 1 | T8 4ft LED Tube 18W | ED-T804-18W-EX-XXX | 2Tube |
| 2 | T5 4ft LED Tube 22W | ED-T804-22W-EX-XXX | 2Tube |

