

Features:

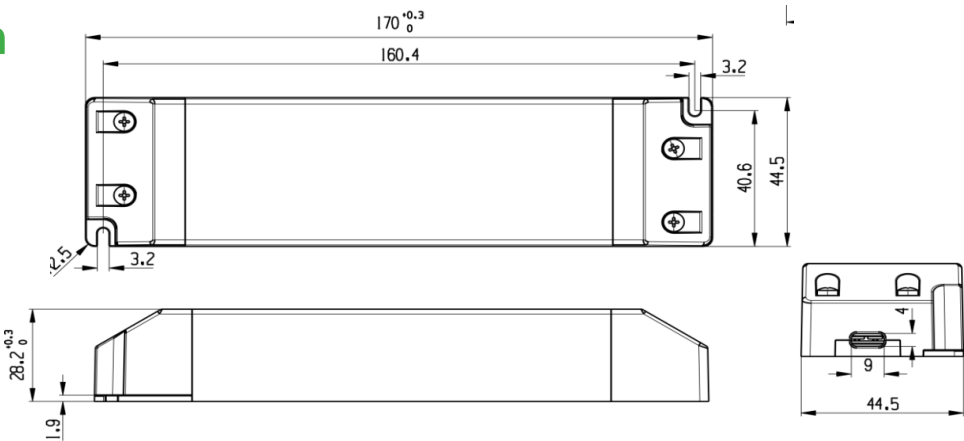
- Constant Voltage output
- AC Input Range: 220~240VAC
- Protections: Short Circuit/Over Load/Over Voltage/Over temperature
- Class II Power Supply
- IP20 Design for indoor installation
- Cooling by Free Air convection
- Factory fitted flex and AU Plug
- 3 year warranty



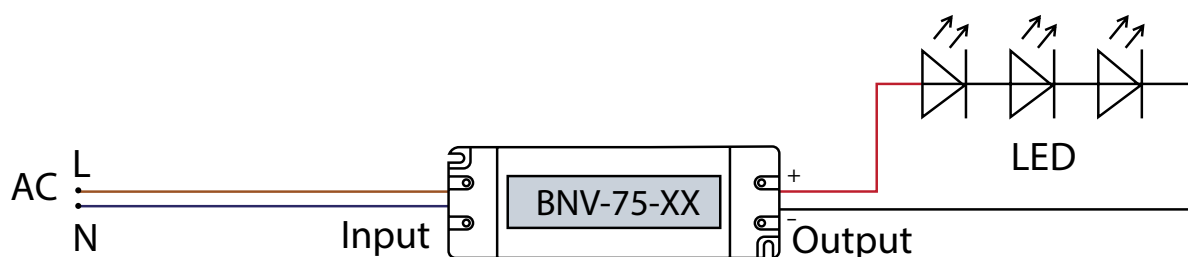
| Model | | BNV-75-12 | BNV-75-24 |
|--------------|--|---|-----------|
| Output | DC voltage | 12V | 24V |
| | Voltage tolerance | ±5% | |
| | Rated current | 6.25A | 3.125A |
| | Rated power | 75W | |
| Input | Voltage range | 220-240VAC | |
| | Frequency range | 50-60HZ | |
| | Power factor | PF ≥0.9/240VAC/50HZ | |
| | Full load efficiency (Typ.) | 89% | 90% |
| | AC current (Max.) | <0.40A | <0.39A |
| | Leakage current | 0.7mA | |
| | Inrush current | Cold Start <40A at 230 VAC | |
| Protection | Short Circuit | Hiccup mode, reset automatically after fault correction | |
| | Over Load | Hiccup mode, reset automatically after fault correction. Exceed maximum rate load times 1.1~1.6 | |
| | Over Voltage | Shut down 1.5 times of rated output voltage. Cycle power to recover | |
| | Over Temperature | IC detect TC = 115° | |
| Environment | Working TEMP, humidity | -20~+45°C (refer to derating curve) | |
| | Storage TEMP, humidity | 10-90% RH | |
| Safety & EMC | Safety Standards | AS/NZS 61347.2.13 | |
| | Withstand voltage | I/P-O/P: 3.75KVAC / 5mA. Max /60s | |
| | Isolation resistance | I/P-O/P: ≥10MΩ/500VDC/25°C | |
| | EMC emissions (Note 3.) | EN IEC 61000-3-2, EN55015 | |
| Other | Net. weight | 0.231kg | |
| | Size | 170*44.5*28.2mm (L*W*H) 25PCS/CTN | |
| Notes | 1. All parameters NOT specially mentioned are measured at 230VAC input at rated load and 25°C of ambient temperature. 2. Tolerance: Includes set up tolerance, line regulation and load regulation. 3. The power supply is considered as a component that is operated in combination with final equipment. EMC performance could be affected by the complete installation. Original equipment manufacturers may need to conduct additional EMC testing and certification on the final equipment. 4. Recommended loading range from 10% to 100% 5. Specifications are subject to change without prior notice. Contact ADM to confirm any critical parameters. | | |

Mechanical Specification

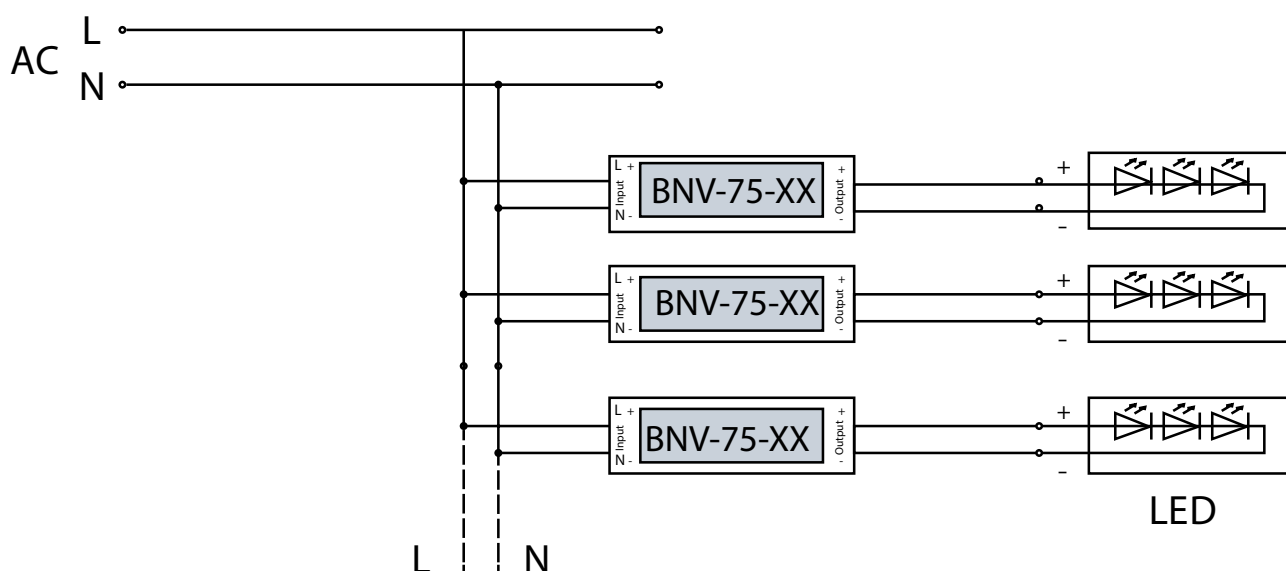
- Connect LED to LED driver via screw terminals under removable cover. Positive (LED+), Negative (LED-).
- Incorrect wiring could result in damage to the power supply, which is not covered by the warranty.
- Contact ADM with specific input, or output configuration requests.



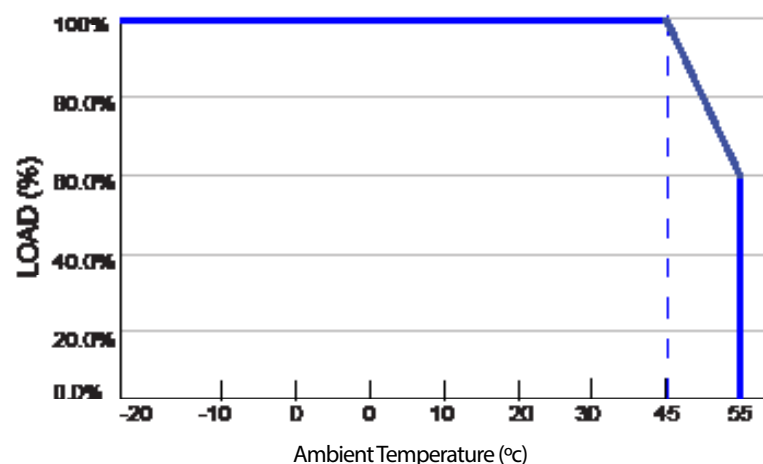
Single Drivers Connection Diagram



Multiple Drivers Connection Diagram



De-rating Curve



Instruction:

- 1) This LED driver should be installed by a qualified electrician.
- 2) Please make sure the LED driver is installed with adequate ventilation around it to allow for heat dissipation.
- 3) Ensure that all wiring is correct before testing in order to avoid damage to the LED driver, or the LEDs.