

Features:

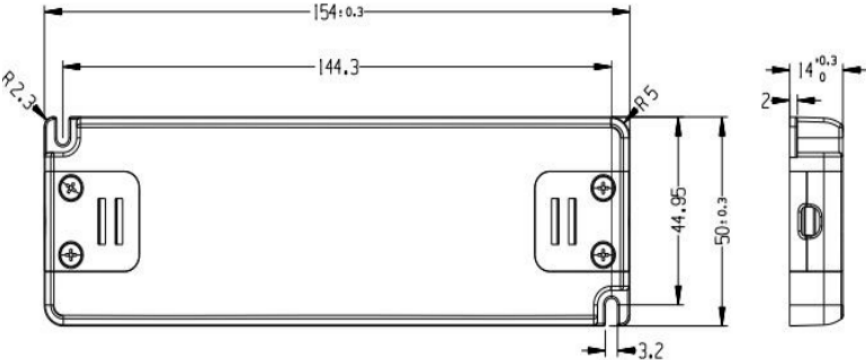
- Constant Voltage output
- AC Input Range: 220~240VAC
- Protections: Short Circuit/Over Load/Over Voltage/Over temperature
- Class II Power Supply
- IP20 Design for indoor installation
- Cooling by Free Air convection
- Factory fitted flex and AU Plug
- 3 year warranty



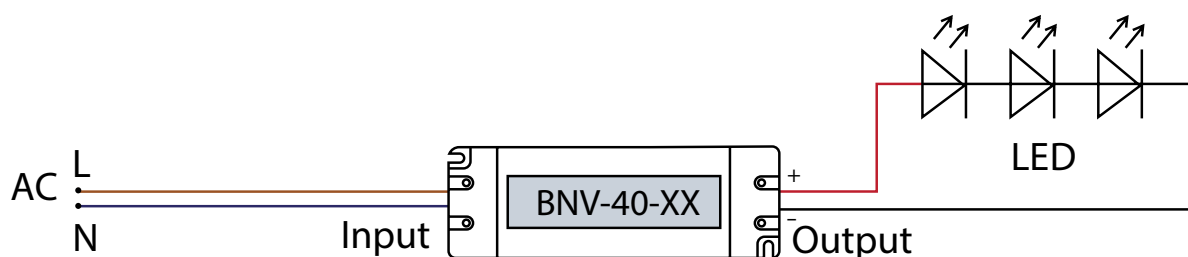
Model		BNV-40-12	BNV-40-24
Output	DC voltage	12V	24V
	Voltage tolerance	±5%	
	Rated current	3.33A	1.67A
	Rated power	40W	
Input	Voltage range	220-240VAC	
	Frequency range	47-63Hz	
	Power factor	PF ≥ 0.65 (50% load) 0.8 (100% load)	
	Full load efficiency (Typ.)	83%	85%
	AC current (Max.)	0.47A	
	Leakage current	0.7mA	
	Inrush current	Cold start <30A at 230VAC	
Protection	Short Circuit	Hiccup - recovers automatically	
	Over Load	Hiccup - recovers automatically	
	Over Voltage	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	0.23kg	
	Size	154*50*14mm (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, testing and certification on the final equipment. 2. Recommended loading range from 10% to 100%. 3. Specifications are subject to change without prior notice. Contact ADM to confirm any critical parameters.		

Mechanical Specification

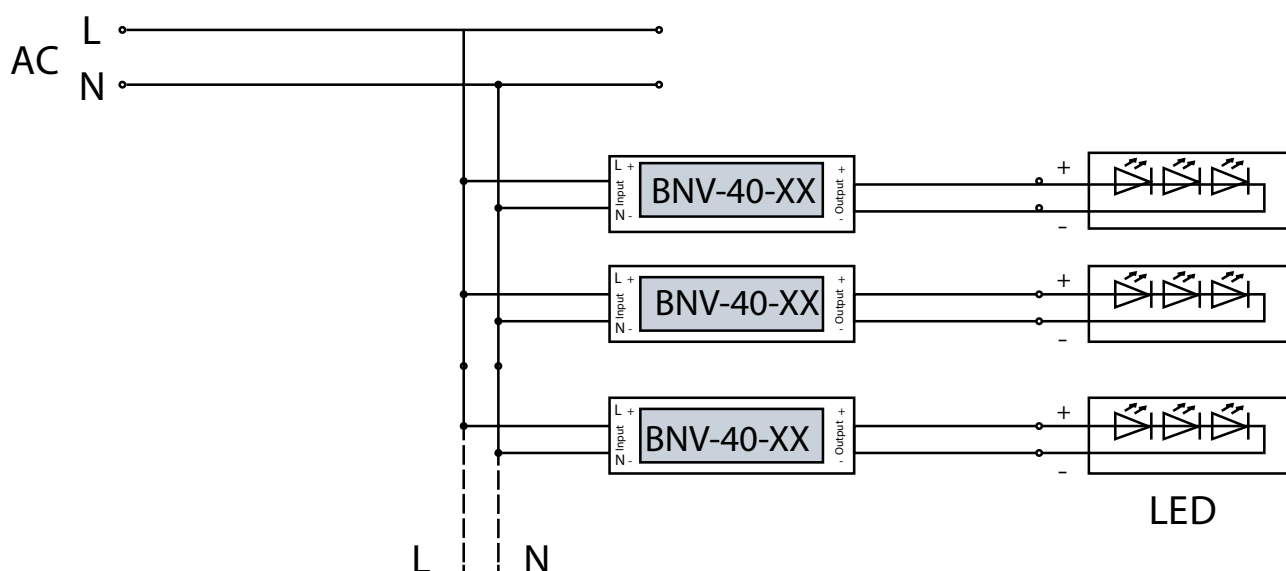
- Connect LED to LED driver via screw terminals under removable cover. Positive (LED+), Negative (LED-).
- Incorrect wiring could result in damage to the power supply, which is not covered by the warranty.
- Contact ADM with specific input, or output configuration requests.



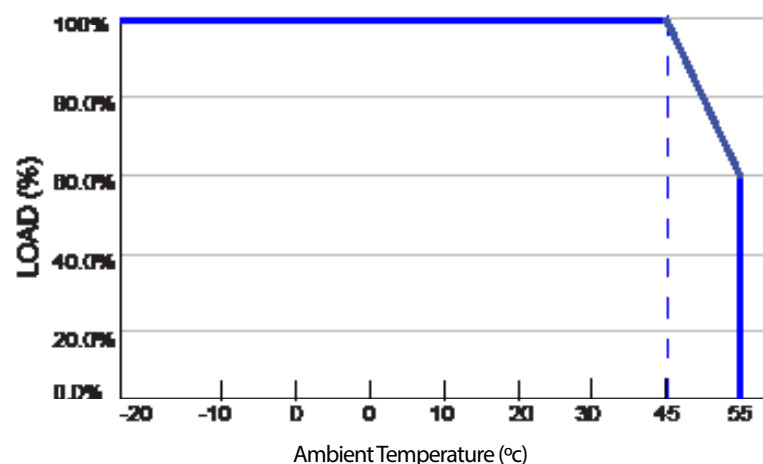
Single Drivers Connection Diagram



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.