

LED POWER AMPLIFIER

BV-CT-2020



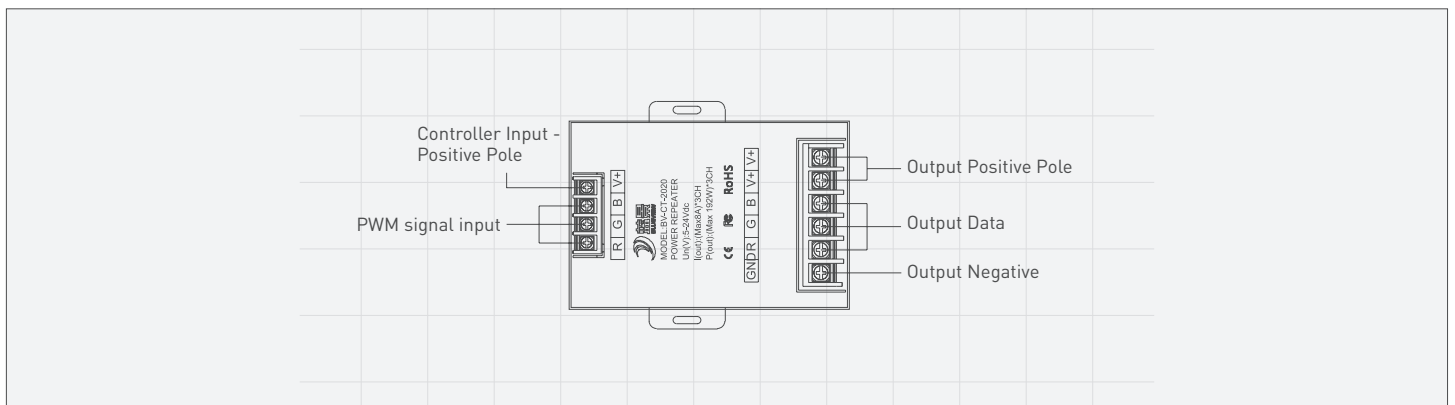
PERFORMANCE

LED power amplifier is suitable for power amplification of all single color and RGB LED controllers produced in our company. The power amplifier can accept PWM dimming. The amplifier with constant voltage and constant current can be connected together, which is convenient for LED lamps with different voltage, high power and low power to be controlled by one master.

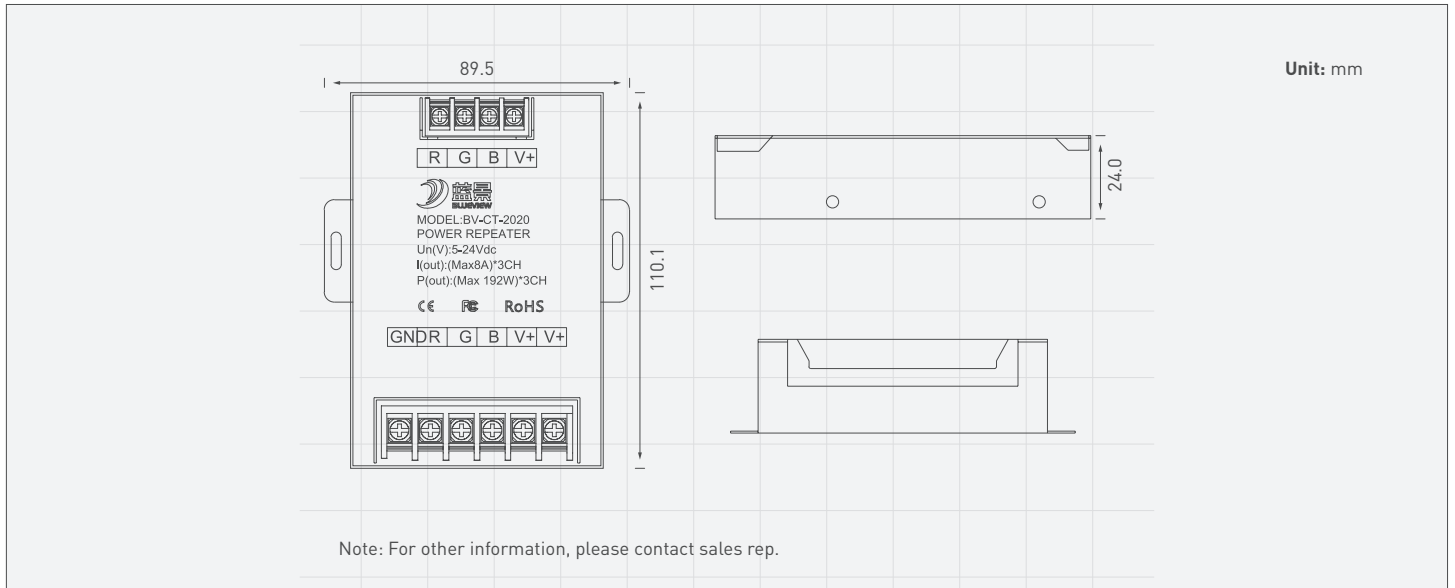
BASICAL PARAMETERS

Input	Input voltage	5-24VDC
	Max load current	24A
	Signal input	PWM(200Hz~2000Hz)
Output	Max output power	576W
Protection	Over load protection (OLP)	YES
	Over circuit protection (OCP)	YES
	Over voltage protection (OVP)	YES
Environment	Working temperature	Tcase=-30~65°C
Other Parameters	Product size L*W*H	110.1*89.5*24mm
	Carton size L*W*H	130*100*23mm
	Net weight	0.21kg

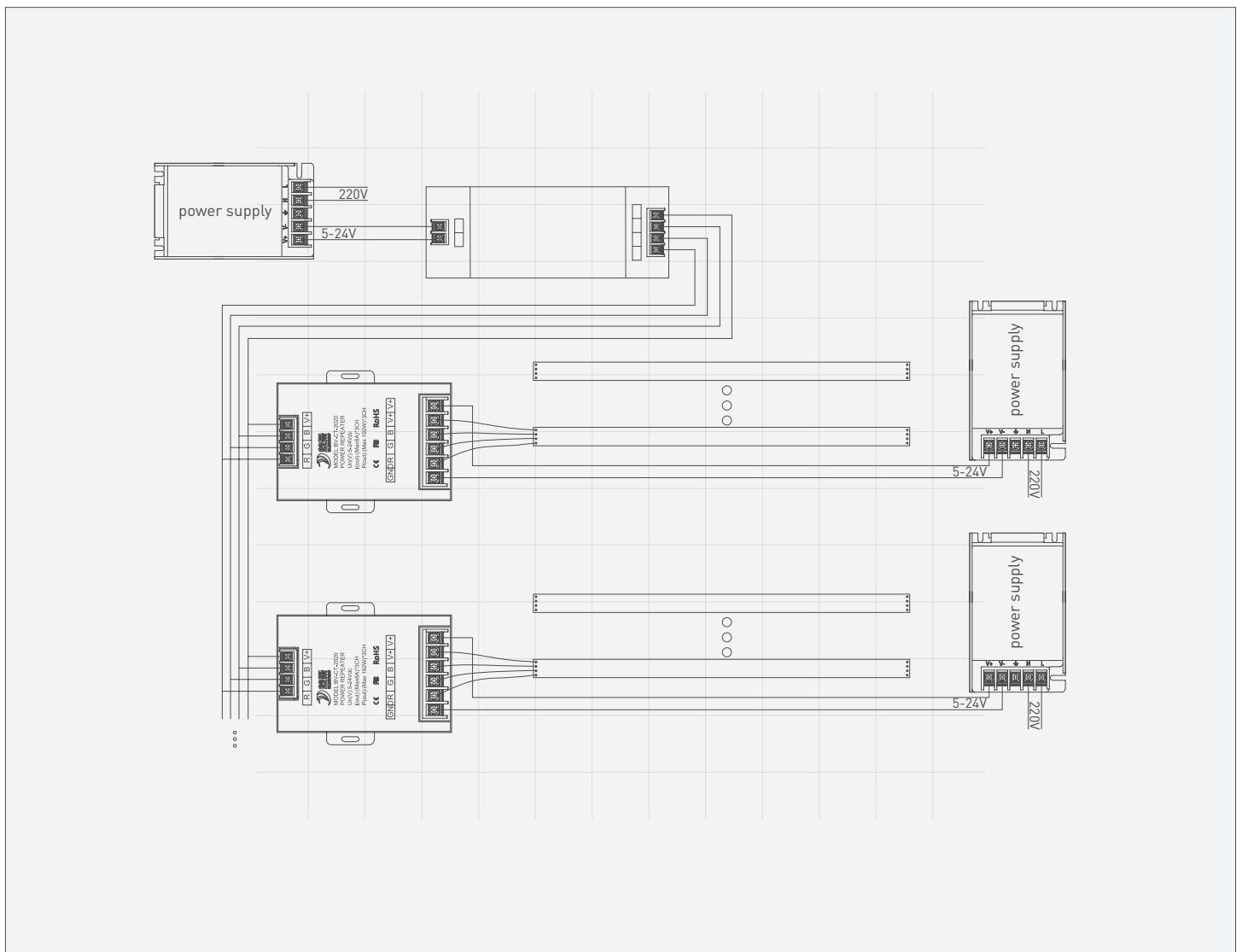
CONNECTION DIAGRAM



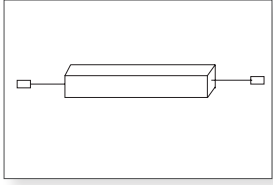
PROFILE DRAWING



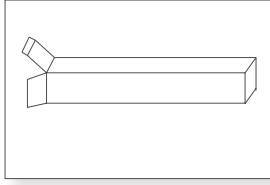
CONNECTION DIAGRAM FOR DIFFERENT AMPLIFIER AND LAMPS



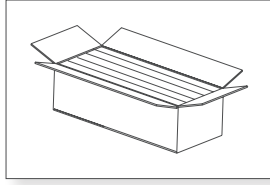
PACKING METHODS



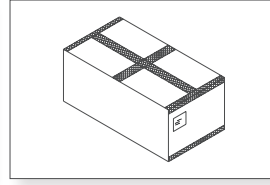
Put the products on the table after checking



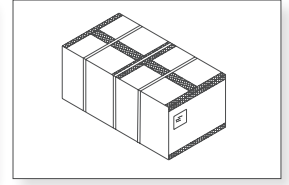
Put it into a small box.



Put the small boxes into a big carton box.



Seal the carton box with adhesive tape and label it



Add corner protection papers and tighten the carton box the belt.

ATTENTIONS

- This product should be installed by qualified personnel.
- This product is non-waterproof. Avoid sun and rain. If installed outdoors, please use a waterproof box.
- Good heat dissipation conditions will prolong the service life of the LED controller. Please install the product in a well-ventilated environment. Please check whether the output voltage of the LED power supply used meets the voltage range requirements.
- The diameter of the wire used must be large enough to load the connected LED lamps, and ensure that it is well wiring.
- Before power-on, ensure that all wiring is correct to avoid damage to the lamp due to incorrect wiring.
- If a error occurs, please do not repair it privately; if you have any questions, please contact the supplier.

WARRANTY ORDINANCE

Purchase Blueview LED controller products to enjoy lifetime technical support and warranty service:

- Free warranty: Blueview will provide free repair or replacement services if product quality problems occur within one year from the date of purchase.
- Paid warranty: Products that exceed the free warranty period will be charged appropriate maintenance material costs.

The following conditions are not covered by the free warranty or replacement service:

- Man-made damage caused by excessive voltage, overload, improper operation, etc. The appearance of the product is severely damaged or deformed.
- Damage caused by natural disasters and human force.
- The product warranty label and product unique barcode are damaged.
- The product has been updated.

Repair or replacement is the sole remedy of Blueview to customers; Blueview shall not be liable for any incidental damages. Only Blueview has the right to amend or adjust the terms of this warranty, and the release in written form shall prevail.

STATEMENTS AND RECYCLING

Statement

- If the external wire of this product is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person to avoid danger.
- The technical parameters given in this manual are all typical values and are for reference only. The specific parameters are subject to the actual measurement report.
- All product illustrations in this manual are schematic diagrams, and the specifics are subject to the actual goods received.
- This product is subject to change without notice.

Recycling

- LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

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