

2-Wire Color Temperature LED Power Repeater

- 12-24V input constant voltage LED power repeater.
- Used for 2-wire WW+CW color temperature constant voltage LED strips only.
- Maximum output current 5A.
- Receive PWM signal for control.
- Power repeater in series or in parallel to expand output unlimitedly.

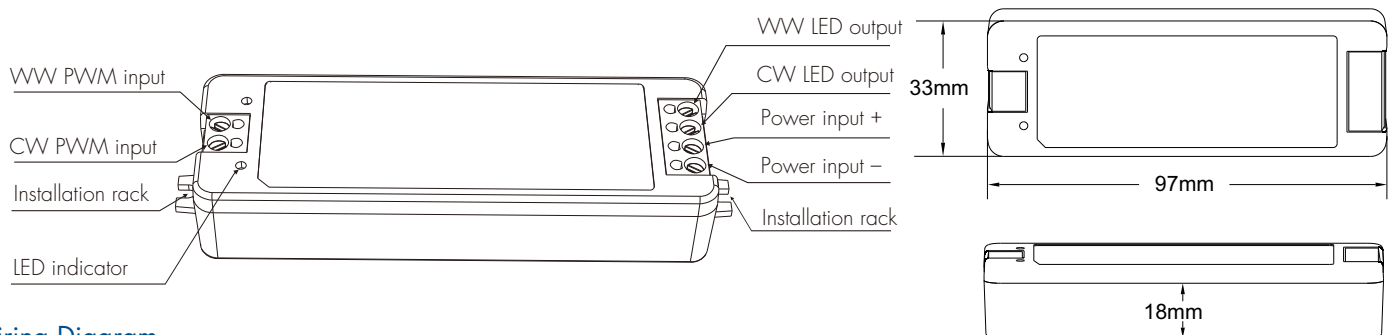


CE RoHS

Technical Parameters

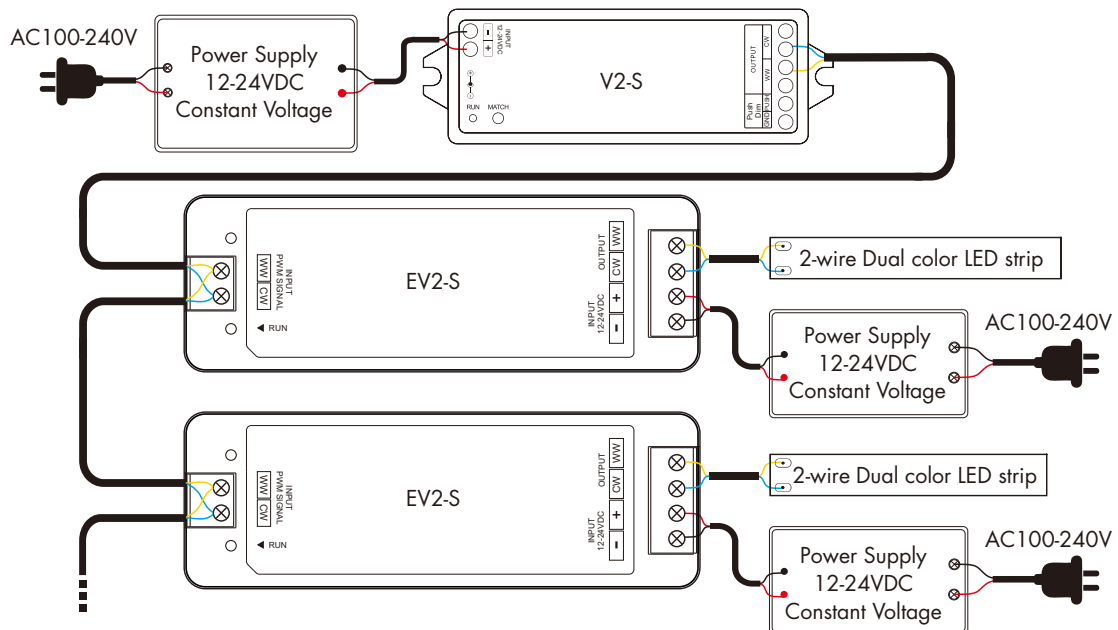
Input and Output		Warranty and Protection		Safety and EMC	
Input voltage	12-24VDC	Warranty	5 years	EMC standard	EN IEC 55015/EN IEC 61547
Input current	5.1A	Protection	Reverse polarity, Over-heat	Safety standard	EN 61347-1/-2EN 62493
Input signal	PWM			Certification	CE RoHS
Output voltage	12-24VDC	Environment		Package	
Output current	5A	Operation temperature	Ta: -30°C ~ +55°C	Size	L114 x W38 x H26mm
Output power	60-120W	Case temperature (Max.)	Tc: +85°C	Gross weight	0.052kg
Output type	constant voltage	IP rating	IP20		

Mechanical Structures and Installations

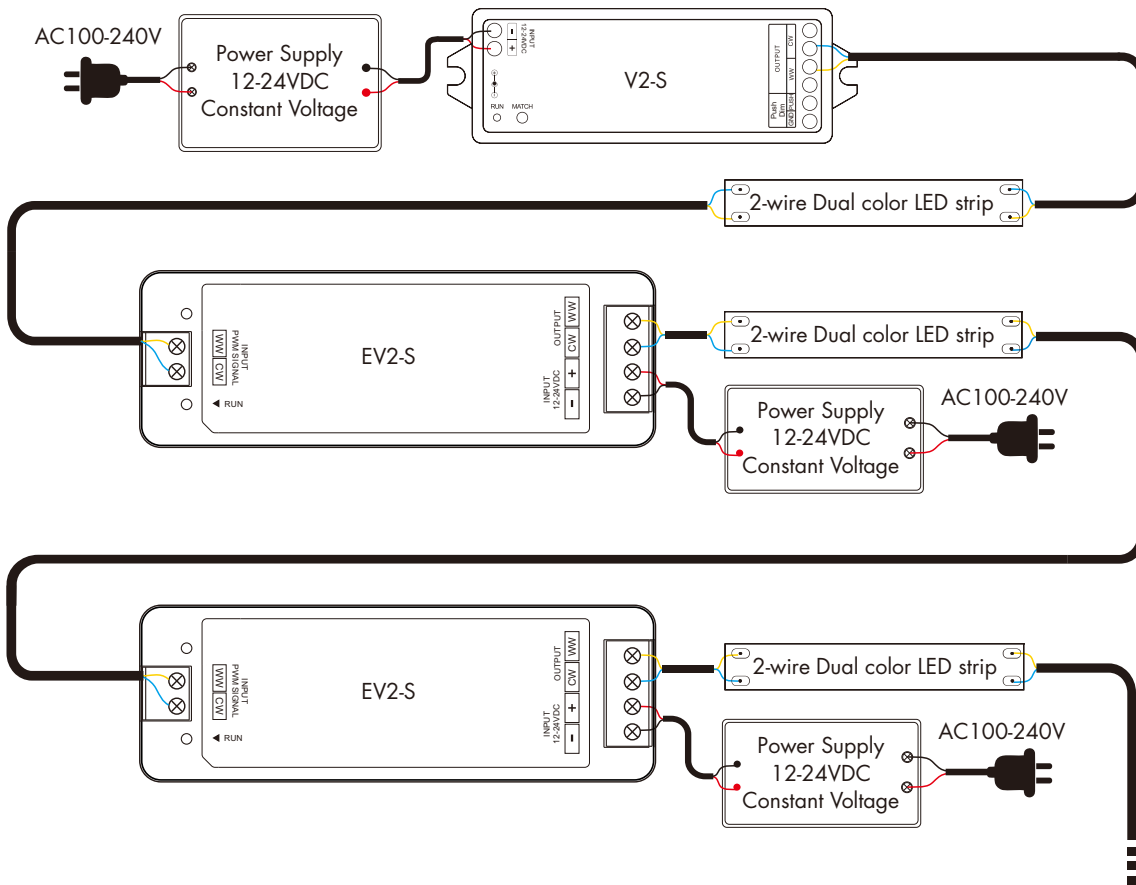


Wiring Diagram

- Parallel connection



- Series connection



**Note:** If the power repeater is over heat or short circuit, the LED indicator will blink.

## Malfunctions Analysis & Troubleshooting

Malfunctions	Causes	Troubleshooting
No light	1.No power. 2.Wrong connection or insecure.	1. Check the power. 2. Check the connection.
Wrong color	1. Wrong connection of WW/CW wires.	1. Reconnect WW/CW wires.

## Safety & Warnings

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.