

How to Wire LED Strip Lights

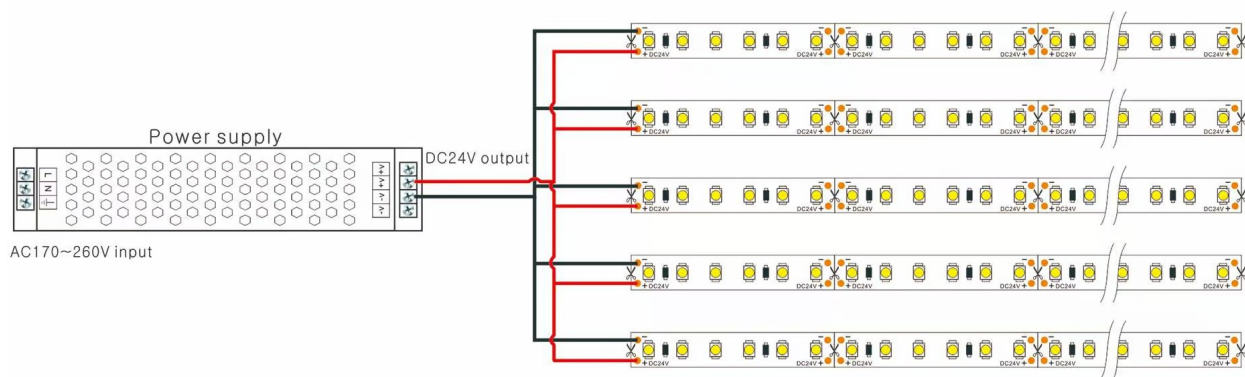
To better understand how to wire, we need to learn about voltage drop and parallel connection first.

Voltage Drop

The voltage drop in LED strips causes the section near the power supply to be brighter than the end, resulting in brightness inconsistency. To avoid this, connect multiple LED strips to the power supply in parallel or use ultra-long constant current LED strips.

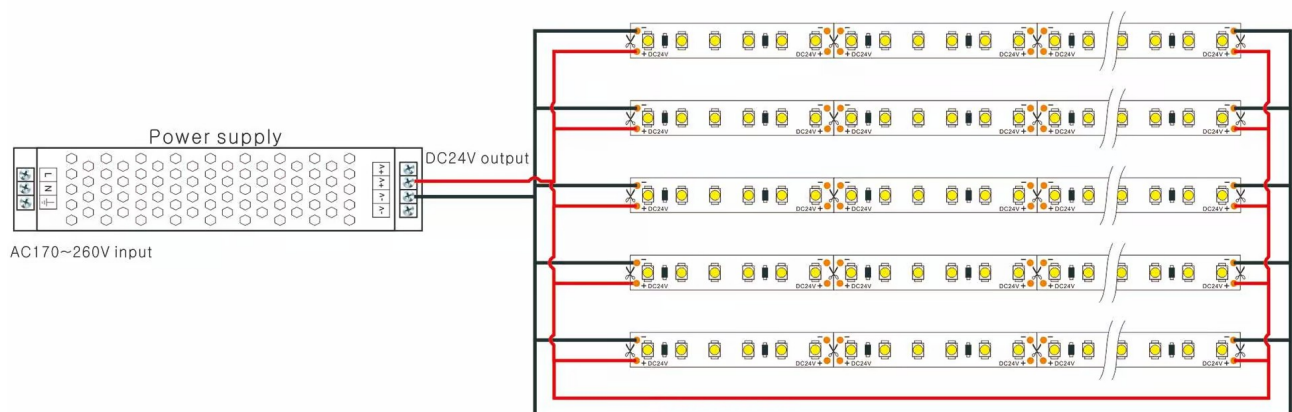
Parallel Connection

The most common way to avoid voltage drop problems is to connect multiple LED strips in parallel to a power supply.



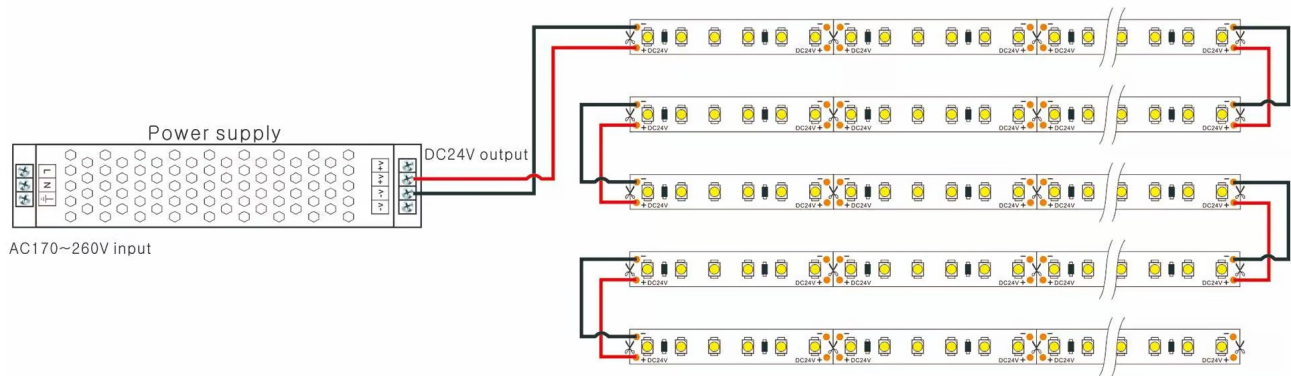
LED strips parallel connection.

Another way is to connect both ends of the LED strip to the same power source.



LED strips both end connection

Be sure **NOT** to connect multiple strips in series to a power supply.



LED strips serial connection.

Please note that the power of the total LED strip lights should not exceed 80% of the power supply power, which is the principle of 80% of the power supply power.

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