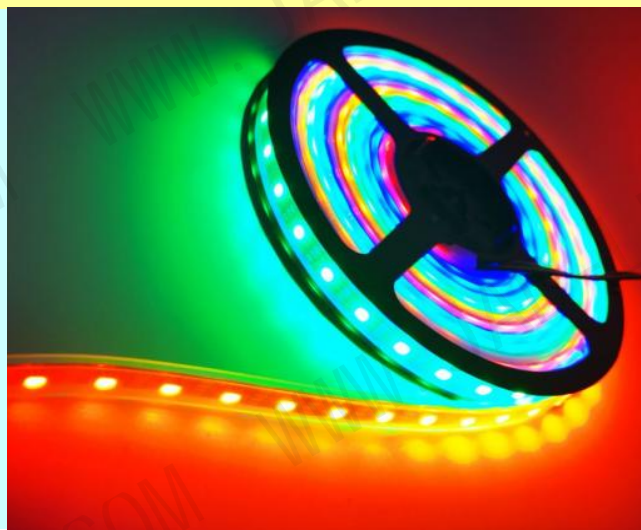


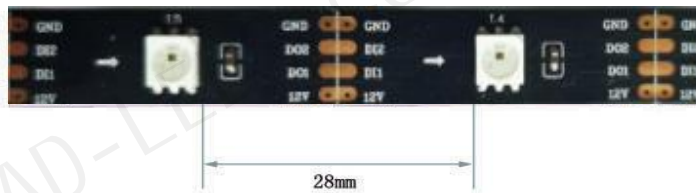


SK6813-30/60/96/144Led Strip

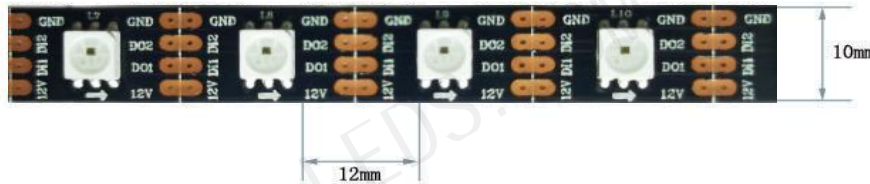


Product Details:

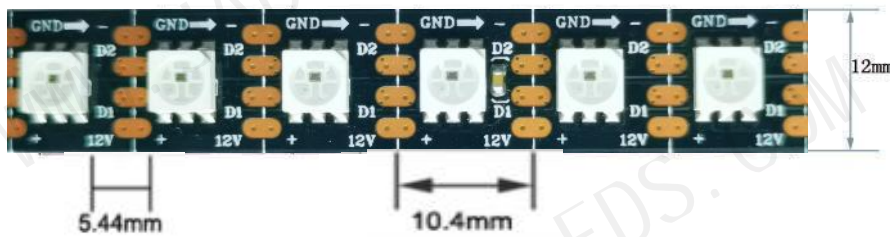
- 1.IC type :SK6813 IC.
- 2.Gray level: 256.
- 3.View angle: 120°.
- 4.Input voltage: DC12V.
- 5.Color: full color 8-bit.
- 6.FPCB board color: White/Black.
- 7.Power: 0.3W/LED 30/60/96/144 LEDs/m.
- 8.Model: SK6813 strip 5050rgb chips.
- 9.Storage Temperature:-30-+95 °C.
- 10.Operating Temperature:-20 ~ +85°C.
- 11.Led Qty: 30/60/96/144pcs RGB SMD 5050 per meter.
The distance between two LEDs:30Leds/m -- 28mm, 60Leds/m -- 12mm, 96Leds/m -- 5.42mm.144Leds/m -- 1.92mm.
- 12.Wave length(nm):Red,650nm ; Green,520nm ; Blue,460nm.
- 13.Waterproof level: IP30: Non- waterproof, IP65: Waterproof in Silicon Coating, IP67: Waterproof in SiliconTube.
- 14,LED Chip Material:11 pcs Pure Gold Line, Copper Bracket (SK6813).
- 15, LED IV Value Brightness:Red: 300-600mcd, Green: 1500-2500mcd, Blue: 150-400mcd .
- 16, Warranty Period of Led Strip: 36 Months
- 17, LED Channel Order: RGB



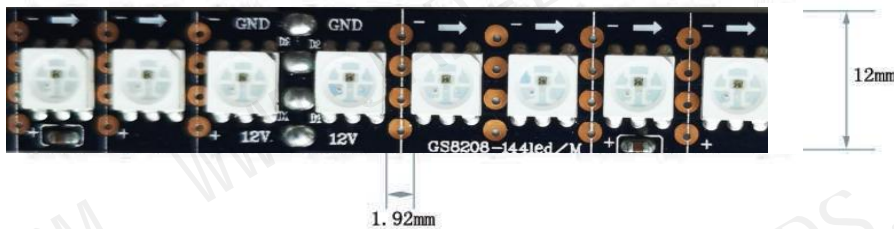
30Leds/m



60Leds/m



96Leds/m



144Leds/m

IP30



Non-Waterproof

IP65



Waterproof In Sillicon Coating

IP67



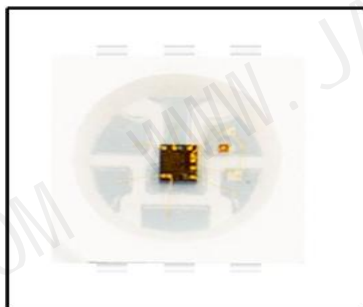
Waterproof In Sillicone Tube

Main Feature:

- (1) One pixel damaged will not affect the other LEDs working.
- (2) The power protection, if +12V and GND reverse polarity, the LED will not be burned.
- (3) Dual signal wires version, signal can jump to transfer.
- (4) The original electronic devices integrated, it does not cause virtual welding in the installation process.

Features:

- 1, SK6813 chip built-in 7805, it can withstand the input voltage 9V-15V, operating voltage 12V.
- 2, Provide output channel current misalignment that can reduce electromagnetic interference and power clutter.
- 4, the chip has power-on protection and power-down protection features to enhance the life of the chip.
- 5, SK6813 provides SOP6 package type, working environment is between -40 °C to +85 °C.
- 6, Breakpoint continuous transmission function, single point chip damage or capacitor short circuit does not affect data transmission
- 7, Every each LED individually and you could set them to any color or animation you want.
- 8, It comes with self-adhesive 3M tape on its back, so you can fix it on any dry and flat surface without any screws and clips.
- 9, It comes with 4-pin JST SM connectors and separated power/ground wires on both ends, which makes it easy to hook up each other and wire up for power.



Individually Addressable

Size: 5mmx5mm
Each LED Is Addressable
One IC Control One LED
(10Pcs Admixture Gold Line)



Cuttable

You Can Cut Each Led Strip
The Rest Of Them Still Work



3M Adhesive

IP30 & IP65 Have 3M Adhesive
IP67 Get No 3M Adhesive



IP30 Non Waterproof

IP30 Better Use Indoor
Avoid moisture



IP65 Waterproof

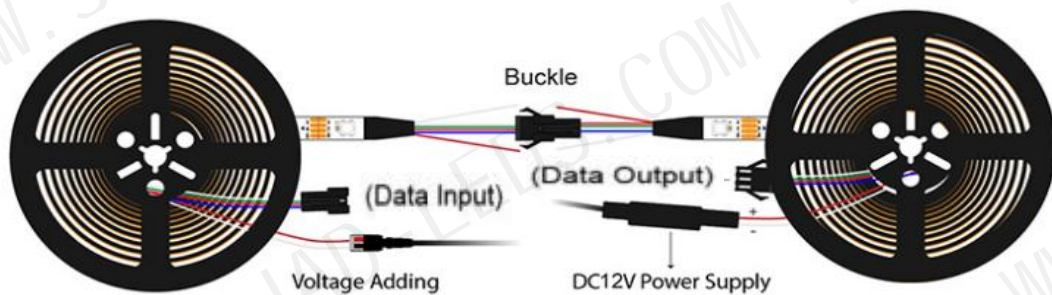
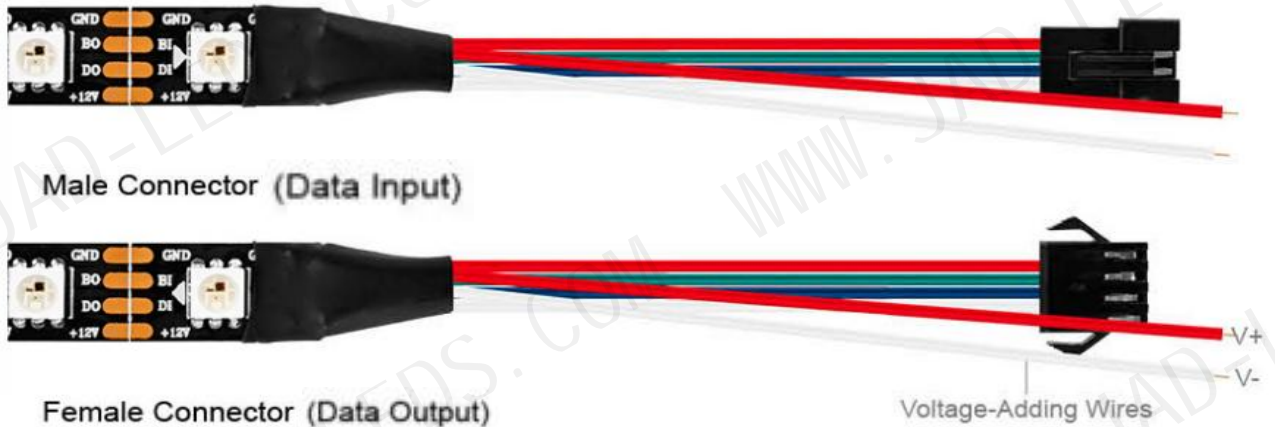
IP65 Can Use Indoor & Outdoor



IP67 Waterproof

IP67 Can Use Indoor & Outdoor

Ends of the LED Strip with 4Pin Connector.



END TO END CONNECT

- End to End connect
- DC12V Voltage-Adding . It is Better to Add DC5V Voltage Every 16.4ft or 300EDs, Because the LEDs at the Far End of the Strip Might Be Dimmer.

Product Decsription:

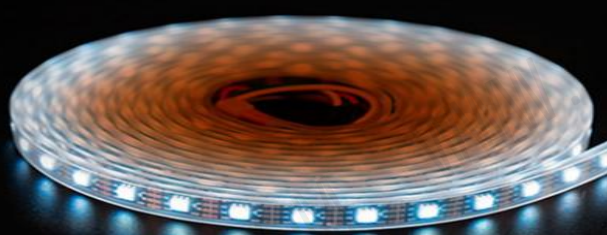
- 1)SK6813 Led Strip is Powered By "12V Power Supply" (Not Included).
- 2)You must need SP105E/SP107E/SP108E/T-1000S Controller to control it.
- 3) 4-Pin JST Connector Included: Black:VCC, Green:DATA1,Red:DATA2,Blue:GND.
- 4) The Strip Has 3M Adhesive Tape On The Back(Except Ip67). Installation Surface Must Be Smooth, Clean And Dry.
- 5) Led Strip Can Be Cut Between Every Led To Create Custom Lengths.
- 6)Do Not Bend Strip Sharply.
- 7)Longer Runs Should Be Powered From Both Ends To Reduce Voltage Drop.
- 8)4-Pin JST Connector Wire is 20AWG.

If one LED is defective, the following LEDs can still work.

If one LED is defective, the following LEDs can still work.



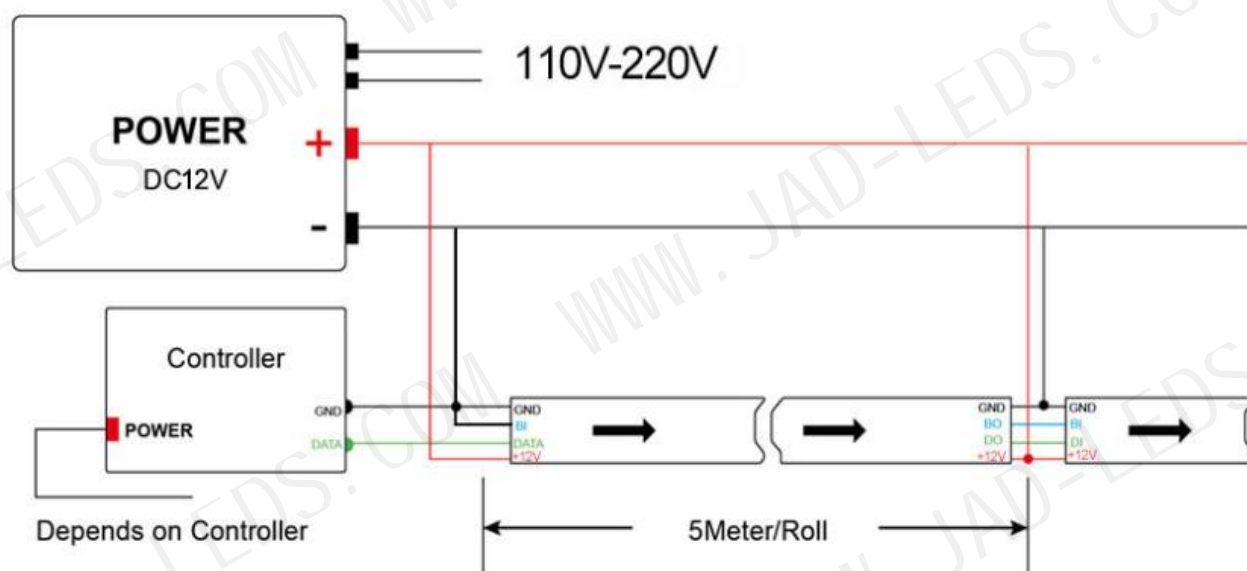
12V No Voltage Drop for 5M/Roll on Full White at Sufficient Power Input.



DC12V

DC5V

Distribution Wiring Diagram



Address: 4th Floor, Building C, No. 47, Baoshi East Road, Shuitian Community, Shiyao Street, Baoan District, Shenzhen, Guangdong, China.