DC12V-SK6812RGBW-54/60Led/M Strip
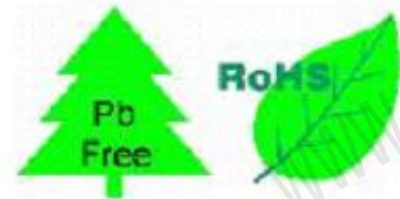

Specifications:

1.LED Source: 5050SMD RGB built-in sk6812 chipset

2.IC Type: sk6812RGBW

3.Working Input Voltage: 12V DC

4.Output Power: 0.3w/ leds

5.Drive Mode: Contant Voltage

6.LED Quantity: DC12V-54/60 leds/Meter (Each Led Is Separately Controlled),

7.IC Quantity: DC12V-54/60 IC/Meter (1 IC drives 1 led chip),

8.Pixels: 54/60 Pixels/Meter

9.Grey scale: 256

10.Color: RGB+W(6000K),RGB+WW(3000K)

11.View Angle: 120°

12.Working Tempreture: -20° to 60°

13.PCB Color: Black/White PCB

14.Waterproof: IP30: Non- waterproof, IP65: Waterproof in Silicon Coating, IP67: Waterproof in SiliconTube

15.PCB Width: 54/60LEDs/m-12mm

16.Power: 54/60LEDs/meter - max 16/18W/Meter

Features:

1, SK6812RGBW built-in IC chip, it can withstand the input voltage 5V-16V, 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, SK6812RGBW provides SOP8 package type, working environment is between -40 °C to +85 °C.

6, Every each LED individually and you could set them to any color or animation you want.

7, 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.

8, It comes with 3-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.

Double-Sided Tape

There is Adhesive On the PCB Back

(Only IP30&IP65)

Note: IP67 Without Adhesive

SK6812-RGBW Chip

Each LED is Addressable

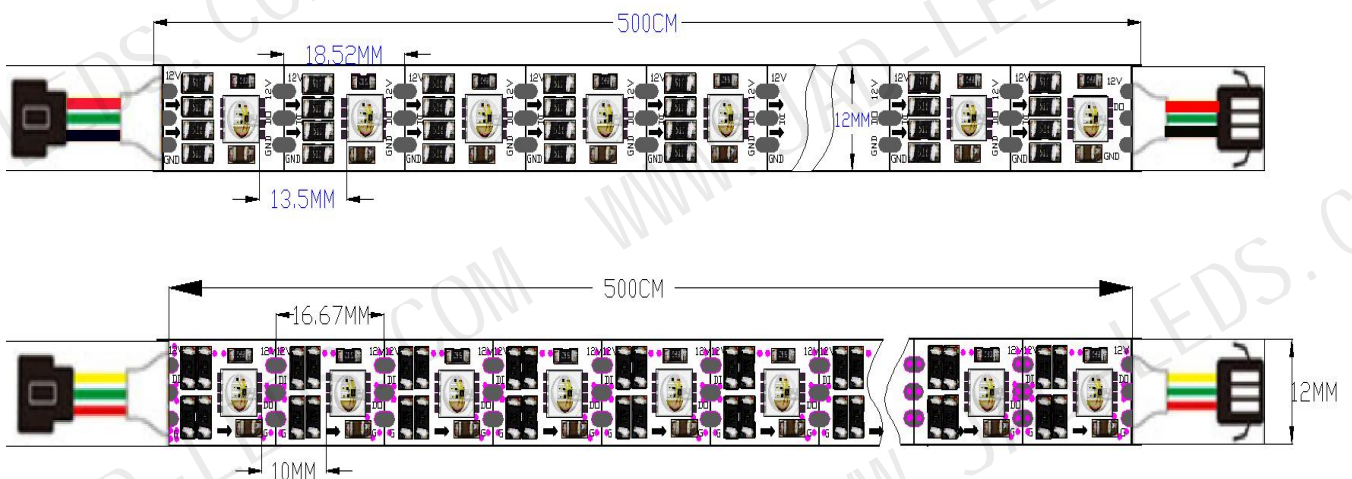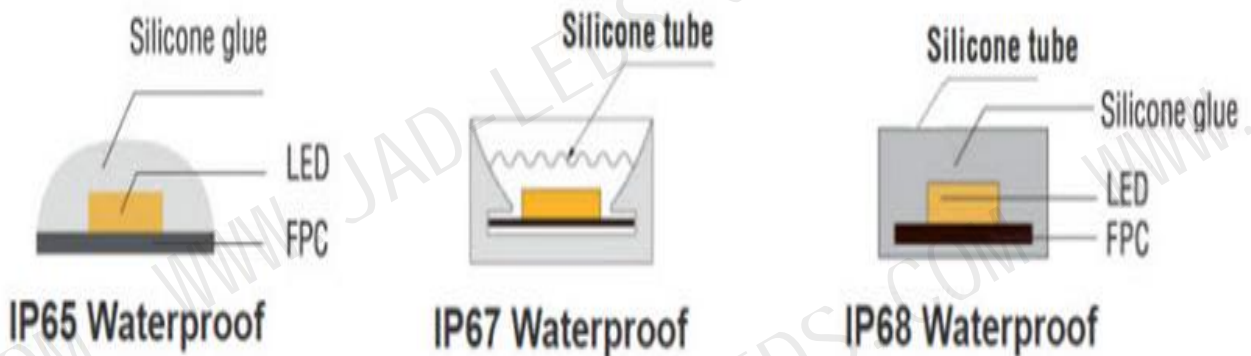IC Built-in LED

One IC Control One LED

Cuttable

You Can Cut Each LED

The Rest Of Them Still

Can Work Fine

IP65 Waterproof

Silicone glue — LED — FPC

IP67 Waterproof

Silicone tube

IP68 Waterproof

Silicone tube — Silicone glue — LED — FPC

Product Decsription:

1) SK6812RGBW Led Strip is Powered By "12V Power Supply" (Not Included).

2)You must need SP105E/SP107E/SP108E/K-1000C Controller to control it.

3) 3-Pin JST Connector Included: Black:GND, Green:DATA,Red:VCC,

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 1Led To Create Custom Lengths.

6)Do Not Bend Strip Sharply.

7)Longer Runs Should Be Powered From Both Ends To Reduce Voltage Drop.

8)3-Pin JST Connector Wire is 22AWG.

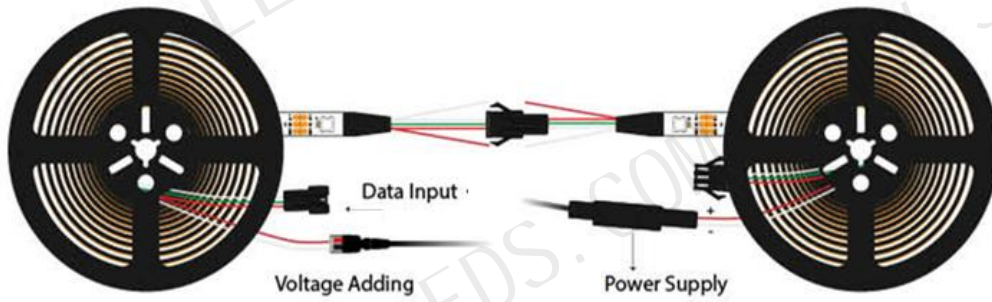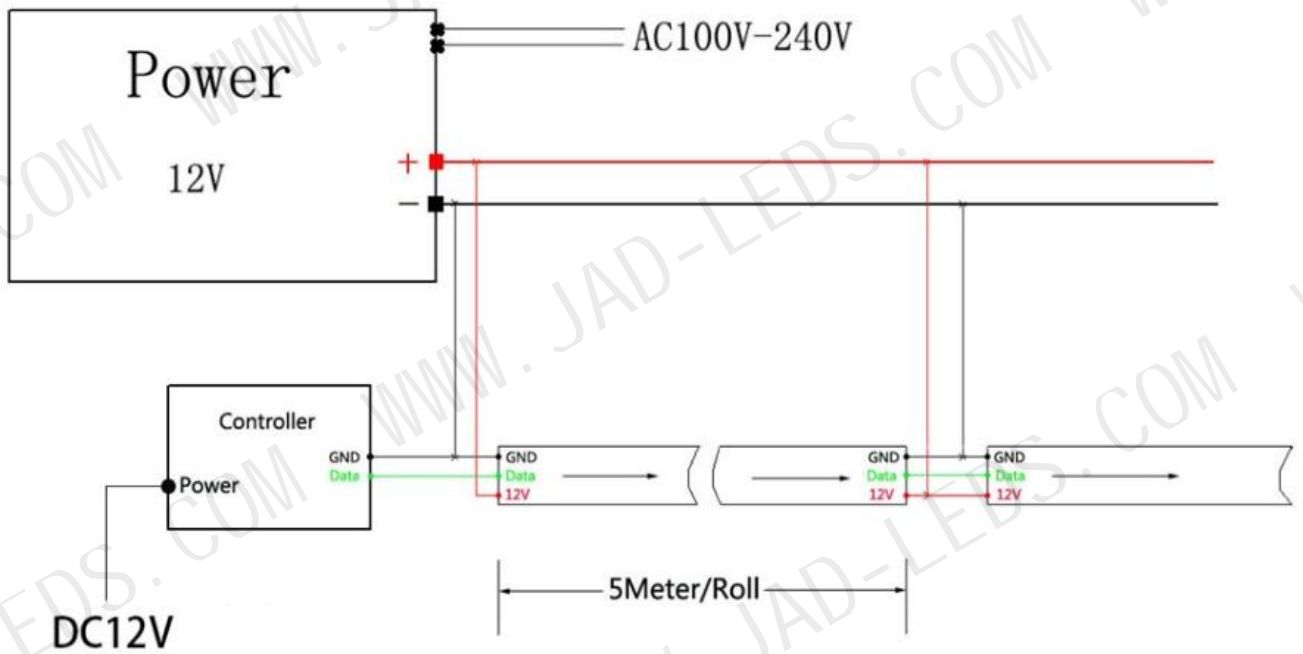## PACKAGE BAG FRONT

PACKAGE BAG BACK

BACKUP CONNECTOR

Data Input

Voltage Adding

Power Supply

Distribution Wiring Diagram

Power

12V

AC100V–240V

+

–

Controller

GND

Data

Power

GND
Data
12V

GND
Data
12V

GND
Data
12V

DC12V

5Meter/Roll