



# POWER SUPPLY

The 24V power supply provides a consistent and reliable DC power source for your outdoor lighting system. This ensures that the lights operate efficiently and without interruptions. It is essential for converting AC to DC power, suitable for LED lighting, and often comes with protections against short circuits and overloads.

## Specifications: 24V Power Supply

Wide Input Range	100-305 V AC
Full Power Output	70 - 100% Constant Power Mode Operation
Metal Case	Yes
Waterproofing for outdoor application	IP 67 rating
Surge Protection	6 KV/ 4 KV (10 KV/ 6 KV optional)
Protection Functions	OVP/SCP/OCP/OTP
Life Time	>50,000 hours
Warrant	5 years warranty



## Features and Advantages:



**Plug 'n' Play Solution  
Easy To Install  
and Setup**



**Water-Proof  
Lighting**



**High Lumens Output  
for Every Color with  
HyperLux Technology**



**Digitally Addressable  
RGB LEDs**



**One Controller  
for upto 800 Nuggets  
in upto 4 Directions**



**Works with MeshTek's  
Advanced Bluetooth Mesh  
Controller and Apps**



**Dual Data Line  
Technology for Industry's  
Highest Reliability**



**Fits in Patented  
UV Protected Track  
Invisible During The Day**

## General Specifications:

Input Voltage Range	8V - 26V DC (Single Nugget)
Standard Supply Voltage	24V DC (using MeshTek provided 24V DC MeanWell Power Supply)
Operating Temperature	-30 °C to 60 °C
Dimensions (mm)	50 x 11.4 x 8.9 (+/- 0.2 mm)
LED Type	Digitally Addressable RGB
Color (Nugget)	Clear
IP Rating	IP67
Light Output	16 Million Colors and Dimmable
Whites Color Temperature Range	2000K to 7500K
Installation System	UV Protected Track with Base and Lid