



I. Product Information

Item	Specification
Product Name	Solar Floating Pool Light
Product Type	Floating Solar RGB Pool Light
Working Principle	Solar Charging + RGB LED Ambient Lighting
Installation Method	Floating on Water Surface
Application Scenarios	Swimming Pools / SPA / Landscape Pools / Garden Water Features

II. Solar Power Supply System

Item	Specification
Solar Panel Operating Voltage	5.0 V
Solar Panel Operating Current	0.15 A
Solar Panel Peak Power	≈0.75 W
Charging Method	Automatic Solar Charging Under Direct Sunlight
Sunlight Exposure Time	6 Hours Direct Sunlight
Operating Mode	Daytime Charging / Automatic Lighting at Night

III. Battery System Specifications

Item	Specification
Battery Type	Lithium polymer battery-14500
Battery Capacity	600 mAh

Battery Voltage	3.7 V
Working Time	Automatic Night Lighting
Protection Function	Overcharge / Over-discharge Protection
IV. LED Lighting System	
Item	Specification
LED Type	RGB LED
LED Quantity	1 pcs
LED Power	0.2 W
Light Color	RGB Color Changing
Lighting Mode	Automatic Color Cycling
Operating Method	Automatic Light Sensor Activation
Full-Power Operating Time Approx	≈12 h
V. Remote Control System	
Item	Specification
Remote Control Type	Wireless Remote Controller
Remote Quantity	1 pcs
Control Functions	Power ON/OFF / Lighting Mode Switching
Control Method	Wireless Remote Control
Control Distance	Up to 20 Meters
VI. Product Functions	
Item	Specification
Main Function	Pool Ambient Lighting
Auxiliary Function	Landscape Decoration
Operating Method	Fully Automatic Operation
External Power Supply	None
Operating Method	Automatic Operation / Remote Controller
IX. Product Features	
Solar Powered Operation	
Floating Design	

RGB Gradient LED Lighting
Automatic Night Operation
Remote Control Operation
Waterproof Rating: IPX7
Low Power Consumption