



I. Product Information

Item	Specification
Product Name	Solar Pool LED Warning Sign
Product Type	Solar Pool Safety Warning Sign
Working Principle	Solar Charging + LED Warning Illumination
Installation Method	Wall Mounted / Ground Stake Mounted
Application Scenarios	Swimming Pools / Villas / Hotels / SPA / Private Pools

II. Solar Power Supply System

Item	Specification
Solar Panel Operating Voltage	5.0 V
Solar Panel Operating Current	120 mA
Solar Panel Peak Power	≈0.6 W
Charging Method	Automatic Solar Charging Under Direct Sunlight
Sunlight Exposure Time	6 Hours Direct Sunlight
Operating Mode	Daytime Charging / Automatic LED Operation at Night

III. Battery System Specifications

Item	Specification
Battery Type	Lithium polymer battery-18650
Battery Capacity	1200 mAh
Battery Voltage	3.7 V
Protection Functions	Overcharge / Over-discharge Protection

Battery Runtime	75 h
IV. LED Warning System	
Item	Specification
LED Operating Voltage	3.7 V
LED Operating Current	40 mA
LED Type	High Brightness Warning LED
LED Function	Safety Warning Flashing
Operating Method	Automatic Night Lighting
Lighting Mode	Flashing / Constant ON
V. Dummy Camera System	
Item	Specification
Camera Type	Dummy Security Camera
Lens Quantity	1 pcs
Indicator Light Quantity	1 pcs Red LED
Dummy Camera Function	Security Visual Deterrence
VI. Product Functions	
Item	Specification
Main Function	Pool Safety Warning
Auxiliary Function	Security Visual Deterrence
Operating Method	Fully Automatic Operation
Waterproof Rating	IPX4
External Power Supply	DC 5V 1A, A to C
Maintenance Method	Low Maintenance Design
VII. Product Features	
Solar Powered Operation	
Automatic Day & Night Operation	
LED Warning Illumination	
Dummy Camera Visual Deterrence	
Outdoor Waterproof Structure	
Low Power Consumption Design	

Easy Installation

Suitable for Outdoor Pool Environments

VIII. Environmental Specifications

Item	Specification
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Waterproof Rating	IP54
Installation Environment	Outdoor Use