DRAGONS BREATH

SOLAR

DARK SKY APPROVED



DBS

SOLAR GARDEN LIGHT

High Efficiency LED | Long Battery Life | Motion Sensor

A modern, low-glare solar garden light designed for reliable and eco-friendly outdoor lighting. Its ultra-low upward light ratio helps minimise glare and light pollution, **helping to minimize their impact on the surrounding environment, animals and plants,** while the high-efficiency MONO solar panel, LiFePO4 battery and 96% efficient MPPT controller deliver up to 190 lm/W.

Lighting power, operating time and colour temperature are fully programmable to suit different environments and seasonal conditions, ensuring reliable illumination throughout the night. Ideal for gardens, parks, pathways and bicycle lanes, and designed for up to 10 years of maintenance-free operation.

KEY FEATURES

- High Brightness LED
- Mono Solar Panel
- Long Life Battery (LiFePO4)
- Remote Control (2.4G Radio)
- PIR Motion Sensor
- Dual Colour Temperature (2200K / 3000K / 4000K / 6000K)
- Aluminium Alloy Shell (Durable & Weather Resistant)

APPLICATIONS

Parks & Gardens | Places | Parks & Rest Areas | Pathways | Campsites

SPECIFICATION

LED & Lighting	Max LED Power	18W
	Luminous Flux	2,800 lm max
	LED Chips	SMD5050 5W/LED max
	LED Lifetime	100,000 H
	CRI	Ra ≥70
	CCT	2200K+3000K / 3000K+4000K / 3000K+6000K
Battery	Battery Type	LiFePO4 6000mA 3.2V 32700
	Battery Capacity	12.8V 154WH
	Charge Time	4 hours
	Discharge Time	>24 hours
	Cycle Life	4000 cycles @ D.O.D 50%
	Battery Backup	2 – 3 days
	Working Temp.	-10°C ~ 65°C
Solar Panel	Peak Power	38W
	Rated Voltage	18V
	Cell Type	MONO crystalline silicon
	Cell Efficiency	≥23.5%
	Lifetime	>20 years
Control & Operation	Control Method	Automatic dusk to dawn
	Solar Charge Controller	MPPT controller
	Charging Efficiency	>97%
	Remote Type	2.4G radio
	Operation Distance	up to 30 meters
	Sensor Type	PIR motion sensor
	Adjustable Function	CCT / LED power / Time / Working mode
Physical	Dimension	Φ590 × H550 mm
	Pole Out Diameter	Φ76 mm
	Warranty	5 Years