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Solar PV LED Street Light 12W - All-in-one Solar PV Street Exterior Light c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery

~~£315.60~~ £142.80



PRODUCT INFORMATION	
LED Type	SMD3030 LEDs
Warranty	5 Year
Part L Compliant	Yes
Dimensions	440mm x 255mm x 76mm 50mm Side entry
Weight	2.50kg
Windage	0.10m²
TECHNICAL SPECIFICATIONS	
Power Consumption	12W
Power Factor	>0.96
Operating Temperature	-20°C to 50°C
L70 Rated Lifetime	+70,000hrs
Ingress Protection	IP66
LUMEN PERFORMANCE	
Luminous Efficiency	180lm/W
Beam Angle	150° x 80°
CRI (Colour Rendering Index)	>80Ra
Lumen Output	2,160lm
AVAILABLE OPTIONS	
Colour Temperature	Natural White 4000-4500K
3-Hour Emergency Version	No
Built-in Microwave Occupancy Detector	Available on Request
1-10V Dimmable	Available on Request
DALI Dimmable	Available on Request

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For Optimum Results, install on a 15˚angle to the sun. If facing away from the sun then mount horizontally ie. Not facing away from the sun/shaded. Do not install in shaded areas - require direct sunlight.

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With an integrated Mono-Si solar panel and LiFePO4 battery, the all-in-one solar LED street lantern makes it easier than ever to meet your sustainability targets. All in a compact housing, you can bring it to both urban and rural areas without access to the electric grid for years to come. The luminaire comes in a range of lumen packages up to 3,600 lumens and is designed for column/post mounting at heights of 3-5m.

With a high tightness level and a very high degree of impact resistance, this luminaire is built to withstand harsh environmental conditions and vandalism to perform over time. High-pressure die cast aluminium housing finished with integrated Mono-Si solar panel which has 25 years anticipated life span, all-in-one solar street lantern gives long lasting and optimised illumination with no uplight pollution. The luminaire is 50mm/60mm side entry as standard, but has the option of an adjustable tilt bracket which mounts direct onto a 76mm column.

All-in-one solar street lantern is made for quick and simple installation without worrying about complicated and frustrating electrical wiring. The luminaire reaches a working time of up to

20-24 hours with as little as 6 hours daily charge. Additional benefits include fully automated from dusk till dawn and pre-set time dimming to maintain optimum performance.

Solar Panel: Mono-si (25 years of anticipated lifespan)

Battery: LiFePO4 (8 years of anticipated lifespan)

Operating Temperature: 0°C to 40°C

Operating Hours: 20-24 hours (6 hours daily charge)

50MM SIDE ENTRY (ADD ON ADJUSTABLE BRACKET FOR 76MM SHAFT)

† Calculations are done with the 3 hours of Peak Sun Hour Operation time calculations are done in pre-set time control mode

Operation time calculations are done in pre-set time control mode

Autonomy and Operation time calculations are only indicative and will depend on several variable factors