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Solar LED Street Light 18W - All-in-one Solar PV Street Exterior Light c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery

~~£357.60~~ £166.80



PRODUCT INFORMATION	
LED Type	SMD3030 LEDs
Warranty	5 Year
Part L Compliant	Yes
Dimensions	550mm x 255mm x 87mm 60mm Side Entry
Weight	3.16kg
Windage	0.13m²
TECHNICAL SPECIFICATIONS	
Power Consumption	18W
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	3,240lm
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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60mm Spigot entry - may require a bracket or reducer for 76mm shafts - 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.

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)

60MM SIDE ENTRY (ADD ON ADJUSTABLE BRACKET FOR 76MM SHAFT OR SINGLE PROJECTION ARM 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

Note: whilst all units are designed to have 2 day autonomy on a full charge, as a supplier/manufacturer we have little control over the weather/sun and this prolonged periods of no sun, full cloud coverage or installed in shade will ultimately prevent the battery from full charging. If you are in need of an installation which is guaranteed 365 days a year, we recommend you opt for a mains installation to avoid any doubt.