



Essential SmartBright Solar Wall Light

BWS010 LED05/765 G2

Outdoor solar wall light with inbuilt lithium ferro phosphate battery, solar panel, inbuilt motion sensor, switch to change modes and LED lights integrated in ABS plastic housing.

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

General Information		Charge controller type	
Driver included	Yes	Charge controller wattage	PWM
Value ladder	Value	Connection	0.5 W
Warranty period	1 years	Cable	-
		Grid connection type	Off grid
Light Technical		Controls and Dimming	
Luminous Flux	50 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	6500 K	Configurability	Not configurable
Luminous Efficacy (rated) (Nom)	100 lm/W	Control interface	-
Color rendering index (CRI)	>70	Solar dimming profile	As per mode switch
Operating and Electrical		Mechanical and Housing	
Battery type	Lithiumion - NMC	Housing Color	Gray
Battery ampere hour	1.2 Ah	Overall length	125 mm
Battery voltage	3.7 V	Overall width	50 mm
Battery charging & discharging cycles	500	Overall height	105 mm
Panel type	Poly crystalline	Dimensions (Height x Width x Depth)	105 x 50 x 125 mm
Panel voltage	5.5 V	Material	Acrylonitrile-butadiene-styrene
Panel peak wattage	0.5 W		

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Battery location	Inbuilt
Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Optical cover type	Without lens
Net Weight (Piece)	0.170 kg

Approval and Application

CE mark	Yes
Ambient temperature range	0 °C to 45 °C

Over Time Performance (IEC Compliant)

Median useful life L70B50	25,000 hour(s)
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Application Conditions

Ambient temperature range for charging	0 °C to 45 °C
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Ambient temperature range for discharging (when light is on)	0 °C to 45 °C
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Product Data

Order product name	BWS010 LED05/765 G2
Full product name	BWS010 LED05/765 G2
Full product code	692382861075399
Order code	61075399
Material Nr. (12NC)	911401877202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828610753
Numerator - Packs per outer box	50
EAN/UPC - Case	6923828610784

Dimensional drawing

