

SM100 SOLAR LIGHT

MORE LIGHT FOR YOUR MONEY



The SM100 is one of the **most affordable, independently certified high-quality pico-solar lights**, which meets Lighting Global standards.

It combines an extraordinary compact and versatile design with a long-lasting lithium iron phosphate battery creating a multi-functional light that meets the basic lighting needs of families living without access to electricity. It is safe, clean and saves you money; and enables children to study, feel safe after dark and parents can work to earn an income even after the sun sets. The SM100 has two light settings; 4+ hours at a constant 30 lumens or 10+ hours at a constant 10 lumens. Light illuminance on a working area is increased by nearly 50% due to an innovative illumination device designed into the front casing (patent pending). It is designed for everyday use.

MULTI-FUNCTIONAL FLEXIBLE USE



HANGABLE



HEADTORCH



OFF THE STAND USE



HANDHELD



DETACHABLE



FULL 360° ROTATION

The SM100 Solar Light features an improved illumination device that increases the light illuminance on a working area by nearly 50% versus lights without this feature.













PRECISION DESIGN

The solar side of the SM100 is slightly curved to match the shape of your forehead, improving comfort when used as a head torch. The solar panel is also recessed, protecting it from impact if the light is accidentally dropped. The rectangular form enables the SM100 to be used off the stand and features two small skis to provide greater balance on uneven surfaces and also tilt the light beam downwards onto the task surface. The offset pivot point, for the stand, used in one direction allows packaging efficiency or in the other direction, light height gain.

The SM100 can be used as a traditional desk light or hung on the wall. It can also be detached from the stand and used as a torch. The slots in the casing of the SM100 enable it to be worn as a head torch for hands-free use. They can also be used to attach a lanyard or used to strap the light to bags or clothing.

TECHNICAL SPECIFICATIONS

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|  LED LIGHTING | 0.5 W white blue LED |
|  BRIGHTNESS | 2 light settings: 4+ hours at 30 lumens 10+ hours at 10 lumens |
|  BATTERY | Durable 4 V, 400 mAh LiFePO ₄ battery |
|  SOLAR PANEL | Integrated 4 V, 75 mA polycrystalline solar panel |
|  MATERIALS & DURABILITY | UV resistant ABS casing Flame retardant plastic Water resistant |
|  SIZE & WEIGHT | 165 x 105 x 74 mm (with stand) 143.5 x 105 x 74 mm (with stand & tilted down) Weight: 122 g (including packaging) |
|  INCLUDED WITH EACH LIGHT | LED light with integrated solar panel Multifunctional metal stand User instructions with warranty card Cardboard packaging |
|  ENVIRONMENT & QUALITY CERTIFICATIONS | CE certified, PVoC, Submitted for Lighting Global Product Quality verification. Results Q1 2019 |
|  WARRANTY | 2 year warranty |
|  BOXES OF 24 LIGHTS + PALLET OF 1440 LIGHTS | Box Size: 380 x 230 x 160 mm Box Weight: 3.2 kg Size of 1 pallet with 1 master carton: 120 x 80 x 118 cm Weight of 1 pallet + 1 master carton: 210 kg |

PRODUCT BENEFITS



Assists education by allowing children to safely study in the evenings



Improves health by eliminating kerosene or paraffin candle pollution



Reduces poverty by eliminating the purchase of expensive kerosene, paraffin candles or batteries used for torches



Increases income by extending the working day into the evening



Increases security in the dark: walking, cycling, avoiding snakes!



Enables development by gaining a first step on the energy ladder and creating jobs along the sales channels



NAMENE SOLAR LIGHT PARTNER:



Namene Solar Light Company Ltd., a wholly owned subsidiary of Yingli Namene Solar Ltd., designed, produces and distributes one of the most affordable, high-quality entry-level pico-solar lights, the SM100, to people worldwide that live without access to electricity. The SM100 is a multi-functional pico-solar light that meets the basic lighting needs of low income families living without access to electricity. We are passionate about our mission to deliver sustainable power and lighting solutions to improve the lives of human beings, with pollution free electricity at affordable prices, generated by the sun, with no compromise on performance, quality and durability. For additional information, please access www.namenesolarlight.com

FOR PARTNERSHIP INQUIRIES, PLEASE CONTACT:
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