

SM100 SOLAR LIGHT DATASHEET

PROINSO



Credit: Aluwani Foundation

SM100 SOLAR LIGHT powered by YINGLI SOLAR



SM100 is an affordable, entry-level solar light, verified by Lighting Global. It combines a compact, versatile design with a long lasting lithium iron battery creating a multi-functional light that meets the basic lighting needs of families living off the electric grid.

MULTI-FUNCTIONAL FLEXIBLE USE

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.

PRECISION DESIGN

The solar side of the SM100 is curved to mirror the shape of a 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.

SM100 Solar Light is run under PROINSO's CSR initiative - Solar Energy Solidarity.

ABOUT PROINSO

With 10 years of experience, over 2.7 GW of projects supplied and 27 offices on 6 continents, PROINSO is a leading global distributor and integrator of PV modules, inverters, mounting systems and trackers.

PROINSO

ABOUT YINGLI SOLAR

Yingli Solar makes solar power possible for communities everywhere by using our global manufacturing and logistics expertise to address unique local energy challenges. Yingli Solar is one of the largest module manufacturers in the world. Yingli has shipped over 68 million panels (17GW) to 90 countries and is listed on the New York Stock Exchange.



PRODUCT BENEFITS

- + the most affordable solar light in the world
- + reduced risk of respiratory illness from kerosene lamps
- + extended child study time (after dark)
- + building communities by bringing people together
- + helping reduce global warming (alternative to fossil fuels)

TECHNICAL SPECIFICATIONS

LED Lighting	0.5W white LED providing 5 hours light
Brightness	18 lumen (2 times brighter than kerosene)
Battery	Durable 3.2 V, 300 mAh LiFePO4 battery
Solar Panel	Integrated 4 V, 50 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	122g (incl. packaging)
Included with each Light	LED light with integrated solar panel Multifunctional metal stand User instructions with warranty card Transparent PE-PP bag
Quality Certifications	CE Certified, PVoC certified
Warranty	1 year
Packaging	24 lights per box
Box Size	380 x 230 x 160 mm
Box Weight	3.2 kg

PROINSO
SOLAR ENERGY SUPPLIES

PROINSO HQ
943 Yeovil Road
SL1 4NH Slough
United Kingdom
info@proinso.net

PROINSO USA
1030 Riverside PKWY
Suite 130 West Sacramento
CA 95605, United States
usa@proinso.net

PROINSO SOUTH ASIA
2-22 Evergreen Industrial
Estate Shakti Mill Lane
Mahalaxmi
400011 Mumbai, India
india@proinso.net

PROINSO SOUTH AFRICA
19 Meerlust Park
Asla Business Park
7130 Cape Town, South Africa
southafrica@proinso.net

PROINSO EAST ASIA
20A, 9 Queen's Road Central
Hong Kong
china@proinso.net

PROINSO JAPAN
Level 28, Shinagawa Intercity
Tower A 2-15-1
Konan Minato-Ku
Tokyo 108-6028, Japan
japan@proinso.net

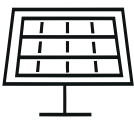
PROINSO MEXICO
Av.Alfonso Reyes 2819
Col.Del Prado
64410 Monterrey N.L. Mexico
mexico@proinso.net



5H +
OF LIGHT



18 LUMEN



50mA
SOLAR PANEL



1 YEAR
WARRANTY



ABOUT PROINSO SOLAR ENERGY SOLIDARITY

Solar Energy Solidarity started in 2011 as a solidarity initiative and umbrella for corporate philanthropy and social responsibility initiatives to support underprivileged communities without access to electricity with the technical tools to source the sun and generate electricity. Aiming to create a measurable and tangible impact, Solar Energy Solidarity initiatives align with the UN 2030 Agenda for Sustainable Development and Sustainable Development Goals to empower communities worldwide.

