



Smartphone not included

Specification sheet

Solar Shelter Kit

Product key features

The Solar Shelter Kit is a latest technology solar lamp with a phone charging option.



Durable and intuitive lamp is waterproof (IP68) and very bright (140 lumens for 8 hours on a single charge). Watch durability [video](#)



Multipurpose lamp has various lighting options such as a torch, table light, ambiance light



2Wp PV smart solar panel and 5m charging cable



Fit-for-purpose for use in humanitarian settings



Highly appreciated product: 95% user satisfaction. Beneficiaries appreciate the Solar Shelter Kit for brightness, versatility and protection purposes



Compatible with any shelter, with an easy-to-use universal panel fixation system



Can be worn around the neck with lacer (rope), providing a hands-free option



Lamp has easy fixation options: Suspend from ceiling with lacer or use build-in hook to mount on wall



Multi USB charger suitable for most (smart) phones



Reliable lighting source; torch lasts up to 13 hours and lamp up to 55 hours



Offers 3 lighting settings: High, medium and low



Has power-saving feature that ensures 4 extra hours of light



Batteries can easily be replaced. Expected life span is 3 years or >800 cycles



User-friendly 3 LED indicator shows both battery status and charging status.



Colors and logos can be customized according to client/cultural preferences



Compact size and weight ensures affordable transportation



2-year warranty.

Lighting mode		Full charge*	1 day charge (5 hrs STC)
Torch		70 lumen x 13 hours	70 lumen x 13 hours
Room light	Low level:	15 lumen x 55 hours	15 lumen x 55 hours
	Medium level:	70 lumen x 16 hours	70 lumen x 16 hours
	High level:	140 lumen x 8 hours	140 lumen x 8 hours
Distress	Blinking		

* Phone charging will lower lighting run time.

Quality	
Durability	IP68: Dust tight and water immersion 1 meter
Quality standard	Lighting Global Quality Standards, CE, ROHS
Warranty	2 year against manufacturing defects or workmanship
Product colour	Customisable according to client requirements
Life span battery	3 years or >800 cycles
Color characteristics	CRI 79 / 5000k
Temperature range	From -10° to 50°
Robustness	Drop test 1 meter: Pass

Charging	
All-in-one charging	2W solar panel with ABS frame and 5 meter cable Optional: AC USB cable
Smartphone charging	USB port and most popular phone adaptors (smartphone)
Battery	2200 mAh Lithium-Ion (NMC) 3.7 volts

Packing & shipping	
Weights (Metric)	
Product net weight (kg)	0.53 kg approx
Product and box weight - gross (kg)	0.60 kg approx
Total master carton weight (kg)	12.65 kg approx
Dimensions (metric)	
Box dimensions (cm)	20.5 x 13.5 x 5.7 (LxWxH) approx
Master carton dimensions (cm)	56.0 x 32.0 x 22.0 (LxWxH) approx
Pallet	
Number of master cartons	20
Number of units	400
Total weight (kg)	267.0 kg approx
Total volume (m3)	0.978 approx
Dimensions (LxWxH - cm)	112 x 78 x 112 approx

Estimated loadability ¹		
Loadability-Sea freight	Container size	Quantity
Palletized	20' GP	11,200 units
	40' GP	24,000 units
	40' HC	24,000 units
Non palletized	20' GP	14,000 units
	40' GP	28,000 units
	40' HC	34,000 units