



Solar Lighting Kit



Easy to assemble



USB charging



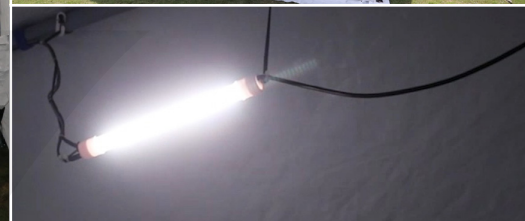
Tube light dimmer controls



Power saving mode



Logo customisable



› Key Features

- » Easy assembly and disassembly.
- » 30/60/90 Wp solar panel configurations.
- » Directly compatible with Huggy Pro series tents (24/48/72).
- » Fit-for-purpose for use in humanitarian, home and tent settings.
- » Compatible with any shelter with an easy to use unit fixation system.
- » Indoor tube lights has separate dimmer controls.
- » Outdoor tube light with on/off control.
- » 2A USB charging outlet with current control.
- » Has power saving mode that ensures 3 hours of light at low mode.
- » Easily replaceable 12.8V/84Wh – expected lifespan is >3 years, or 1500 cycles (LiFePo4).
- » User-friendly 5 LED indicators for battery life, and low power mode.
- » Single button to control pilot lamp and battery status.
- » Colors and logos can be customized as per customer requirements.
- » Built in pilot lamp for easy location in dark.

› Specifications

Lighting mode	Full charge		Emergency mode	
2x 30 cm tube light (high)	1,400 lumens	6 hours	140	3 hours
1x 15 cm tube light	200 lumens		20	

Phone charging will lower lighting run time

Product colour	Customisable according to client requirement
Battery life span	More than 3 years or 1500 cycles
Color characteristics	CRI 80/5000K

› Charging

Solar charging	30/60/90 WP configurations
Smartphone charging	2 x USB ports with supplied USB cable
Battery	12.8V/6.6Ah/84Wh LifePO4



Solar Lighting Kit



Easy to assemble



USB charging



Tube light dimmer controls



Power saving mode



Logo customisable

› Packing and Shipping

Carry Box

Package	Contents	Tent size	Dimensions	Volume	Weight
1/1	Solar Lighting Kit PV panel, mounting arm, base units, internal light tubes, external light tube, packed in box	24 - 1 set	65 x 55 x 20 cm	0.072	22 kg approx.
		48 - 2 sets	110 x 55 x 20 cm	0.121	34 kg approx.
		72 - 3 sets	160 x 55 x 20 cm	0.176	50 kg approx.

› Estimated Loadability

Item name	Tent size	Dimensions of loaded wooden pallet	Volume of loaded wooden pallet	No. of items - per loaded wooden pallet	Weight - 1 loaded wooden pallet
Solar Lighting Kit	24 m ²	120 x 110 x 115 cm	1.645 m ³	15 kits	345 kg approx.
	48 m ²	110 x 110 x 115 cm	1.392 m ³	10 kits	355 kg approx.
	72 m ²	160 x 110 x 115 cm	2.024 m ³	10 kits	520 kg approx.

› Loadability Quantity

Item name	Tent size	20'GP	40'DC	40'HC
Solar Lighting Kit	24 m ²	352 boxes / 352 kits	792 boxes / 792 kits	936 boxes / 936 kits
	48 m ²	220 boxes / 220 kits	440 boxes / 440 kits	520 boxes / 520 kits
	72 m ²	143 boxes / 143 kits	308 boxes / 308 kits	364 boxes / 364 kits

