



Solar Lighting Kit | Huggy Pro - HPT Add-ons

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Key features

- » Easy assembly and disassembly
- » 30/60/90 Wp solar panel configurations
- » Directly compatible with UNICEF approved High Performance Tents (24/48/72 m²) or similar multi-purpose tents
- » Fit-for-purpose for use in humanitarian, home and tent settings
- » 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
- » User-friendly 5 LED indicators for battery life, and low power mode
- » Single button to control pilot lamp and battery status
- » Built in pilot lamp for easy location in dark
- » Easily replaceable 12.8V/84Wh
- » Expected lifespan is > 3 years, or 1500 cycles (LiFePo4)
- » Colors and logos can be customized as per customer requirements

Technical Specifications

Lights	2x 30 cm Tube Light 1400 lumens 1x 15 cm Tube Light 200 lumens
Run time	Full charge: 6 hours Emergency mode: 3 hours @ 10% of max. lumens (*Phone charging will reduce lighting run time)
Color characteristics	CRI 80/5000K
Battery lifespan	More than 3 years or 1500 cycles
Product color	Customizable to client requirements
Charging	
Solar charging	30 / 60 / 90 WP configurations
Smart phone charging	2x USB ports, USB cable included
Battery	LifePO4 12.8V / 6.6Ah / 84Wh

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Packing & 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 kgs approx.
		48 - 2 sets	110 x 55 x 20 cm	0.121	34 kgs approx.
		72 - 3 sets	160 x 55 x 20 cm	0.176	50 kgs 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 m²	120 x 110 x 115 cm	1.645	15 kits	345 kgs approx.
	48 m²	110 x 110 x 115 cm	1.392	10 kits	355 kgs approx.
	72 m²	160 x 110 x 115 cm	2.024	10 kits	520 kgs approx.

Loadability Quantity

Item name	Tent size	20'GP	40'DC	40'HC
Solar Lighting Kit	24 m²	352 boxes / 352 kits	792 boxes / 792 kits	936 boxes / 936 kits
	48 m²	220 boxes / 220 kits	440 boxes / 440 kits	520 boxes / 520 kits
	72 m²	143 boxes / 143 kits	308 boxes / 308 kits	364 boxes / 364 kits