



Solar Lighting Kit | HPT Add-ons

Key features

- » Easy assembly and disassembly
- » 30/60/90 Wp solar panel configurations
- » Directly compatible with HPT series tents (24/48/72) or similar multi-purpose tents
- » 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
- » 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 30cm Tube Light 1400 lumens 1x 15cm 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 28 cm	0.536	18.5 kgs approx.
		48 - 2 sets	110 x 55 x 28 cm	0.169	31 kgs approx.
		72 - 3 sets	160 x 55 x 28 cm	0.246	45 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	110 x 55 x 105 cm	0.635	5 kits	140 kgs approx.
	48 m²	110 x 55 x 114 cm	0.690	3 kits	111 kgs approx.
	72 m²	110 x 55 x 111 cm	0.672	2 kits	97 kgs approx.

Loadability Quantity

Item name	Tent size	20'GP	40'DC	40'HC
Solar Lighting Kit	24 m²	256 box / 256	576 Box / 576	648 Box / 648
	48 m²	160 box / 160	320 Box / 320	360 Box / 360
	72 m²	96 box / 96	224 Box / 224	252 Box / 252