

Multi-functional solar lamp with phone charger

- An “all-in-one” solar lantern and cell phone charger
- Task light – when the lamp shade serves as a table stand
- Ceiling light / lantern – when the lamp head is inserted into the lamp shade
- High quality DC/DC USB adaptor that can be used with any mobile phone with a USB charging cable (or equivalent)
- 1 LiFePO battery, 1.400 mAh / 3.2V with 2.000+ cycles (5-7 years) (or equivalent)
- 3 High quality LEDs with adjustable light from 5 to 50 to 150 lumen, 5.500-6.000 kelvin (or equivalent)
- 1.8 W Solar panel with 3m/9ft cable rolled up in solar disc (or equivalent)
- Color of outside case: **white and blue** (with UNHCR logo)

Light

- High light output: 150 lm for 4.5+ hours (or equivalent)
- Medium light output: 50 lm for 14+ hours (or equivalent)
- Low light output: 5 lm for 130+ hours (or equivalent)
- LED lifespan: 50,000 hours (or equivalent)
- Light distribution: 120 degrees
- Color: cool white (5.500 – 6.000 kelvin)
- Automatic dimming to lower modes at low voltage

Charging and Battery

- Solar panel with loops for fixture: 1.8 W with hardened glass cover (or equivalent)
- Charging time PV: 3-8 hours depending on how much sun is available
- Charging time on AC grid with adapter: 1.5 hours
- Battery spec: 1 LifePO Battery, 1.400 mAh / 3.2V (or equivalent)
- Battery protection: self-discharge, reverse polarity, trickle charge

Other Product Facts

- Factory certification: ISO9001 / ISO4001 / ILO standards