



# Solar Lanterns for off-grid communities

## LifeLight

Solar lantern for offgrid communities with mobile charging facility and optional AC charging. By harnessing the abundant energy from the sun, these LED lanterns deliver free and clean lighting along with additional facility to charge mobile phones.

### Benefits

- Long lasting lantern with clean and soothing white light with diffuser that ensures surround light
- Choice of different lighting levels to suit different activities and extended duration of usage.
- Replaceable lithium ferro phosphate battery
- Facility to charge mobile phones via USB cables
- Optional facility to charge the lamp with AC power in case of low sunlight
- Intuitive display to measure battery charging
- Adjustable handle for ease of use
- Robust IP65, water and dust proof construction.

### Features

- Portable highly efficient LED solar light.
- 110/200 Lumen White LED Solar Light
- Replaceable lithium ferro phosphate battery
- Efficient solar panel with 3 meter wire and tiltable legs
- USB Port for mobile charging
- Optional AC charging facility
- ON/OFF button with 3 Light settings High, Medium, Low
- RED LED low battery indicator
- Green LED charging Indicator
- Robust IP65, water and dust proof construction.
- Upto 20 Hours of Light on low setting
- 360 degree Adjustable handle

# LifeLight

## Application

- Homes
- Small shops and business establishments
- Guard rooms
- Elementary schools
- Community centers
- Adventure sports - Camps, tents, hikers etc
- Emergency lights for Natural Disaster management teams

## Versions



Life Light



Life Light Plus

**Application conditions**

Ambient temperature range for charging	0 to +45 °C
Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Ambient temperature range	0 to +45 °C
Battery location	Integrated
Grid connection type	Off grid
Autonomy	upto 20 h
Solar dimming profile	High

**Approval and application**

Ingress protection code	IP65
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**Controls and dimming**

Dimmable	Yes
Configurability	Not configurable

**Operating and electrical**

Battery charging & discharging cycles	2000
Battery type	Lithium Ferro Phosphate
Battery voltage	3.2 V
Charge controller type	MPPT
Panel type	Mono crystalline
Panel voltage	5 Vmp V

**Initial performance (IEC compliant)**

Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80

**Mechanical and housing**

Overall height	130 mm
Overall length	100 mm
Overall width	110 mm

**Operating and electrical**

Order Code	Full Product Name	Battery ampere hour	Cable connection kit	Charge controller wattage	Panel peak wattage
919515812767	Solar Life Light	1.5 Ah	Included	4 W	1.6 W
919615811161	Solar Life Light standalone	1.5 Ah	Excluded	4 W	1.6 W
919515812908	Solar Lamp Lifelight plus -WC	3 Ah	Included	5 W	4 W
919515812909	Solar Lamp Lifelight plus	3 Ah	Included	5 W	4 W
919515813014	Solar Lamp Lifelight plus-Standalone	3 Ah	Excluded	5 W	4 W

**Mechanical and housing**

Order Code	Full Product Name	Color	Order Code	Full Product Name	Color
919515812767	Solar Life Light	Blue	919515812909	Solar Lamp Lifelight plus	Red
919615811161	Solar Life Light standalone	Blue	919515813014	Solar Lamp Lifelight plus-Standalone	Red
919515812908	Solar Lamp Lifelight plus -WC	Red			

