



LifeLight

SOLAR LAMP LIFE LIGHT

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.

Product data

General Information	
Driver included	Yes
Remarks	LG Certified Solar panel with tiltable legs USB charging port : 5V 500 mA
Warranty period	2 years
Light Technical	
Luminous Flux	110 lm
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Optical cover type	UV stabilized Polycarbonate cover
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	1.5 Ah
Battery voltage	3.2 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	5 Vmp V
Panel peak wattage	1.6 W
Charge controller type	MPPT
Charge controller wattage	4 W
Cable connection kit	Excluded

Cable	Multi Pin USB Mobile Charging cable included USB DC jack cable for Alternate charging Included 3m cable included with Solar panel
Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	Yes
Configurability	Not configurable
Mechanical and Housing	
Housing Color	Blue
Overall length	100 mm
Overall width	110 mm
Overall height	130 mm
Dimensions (Height x Width x Depth)	130 x 110 x 100 mm
Material	Acrylonitrile-butadiene-styrene
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

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

Product Data	
Order product name	SOLAR LAMP LIFE LIGHT
Full product name	SOLAR LAMP LIFE LIGHT
Order code	919515812374
Material Nr. (12NC)	919515812374
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8

Dimensional drawing

