

# JouLite150

## PRODUCT SPECIFICATIONS

PS-JLITE-01/01-100414

The **JouLite** is a multi-functional lamp that can be conveniently used as a Torch-light, a Phone-charger and as a Table-lamp by using the bottle Stand inserted into a PET or Glass bottle filled with sand or stones to give it stability. The **JouLite** can be recharged from the 5V LEC30 Solar Panel or through a USB charging cable

### Product HighLights

- The **JouLite** contains 30kj of energy
- Fully charges a smart phone or 2 low feature phones
- Up to 60 hours on a full charge (Lowest light output)
- Recharged via the 5V LEC30 Solar Panel or via a USB charging cable
- Splash-Waterproof and is suitable for outdoor usage even in the rain
- Electrical contacts are completely sealed and no water can leak through the contacts to the inside of the lamp that houses the battery and electronic circuit.

Please note: We recommend to always insert the Phone-Charge-Cable into the lamp so that it forms a double protection against water reaching the connectors when used in the rain.



Refill your JouLite from the Sun



Refill your Phone from your JouLite



Use your JouLite as TableLamp

The **JouLite** is operated through a touch switch and can be used in 3 light-output settings; low, medium and high.

Switch Position	Low	Medium	High
Light Output	10 Lumen	50 Lumen	150 Lumen
Energy Content		30kj	
Energy Consumption	0.5 kj/h	2kj/h	5 kj/h
Light hours	60 hours	15 hours	6 hours

### JouLite Performance

Phone Charging Capacity	30 kj/h (1.5 A max @ 5V)
Energy Storage Capacity	30 kj
Aproximate Lifetime Energy	30 MJ
Battery Self Discharge	30% / year
Operating Temperature	
- Charge	0°C to 45°C
- Discharge	20°C to 60°C

### Mechanical details

Connector System	Sundaya Proprietary DC Socket
Enclosure Material	ABS+PC UV stabilized, V-0
Color	Optional (blue, white, or green)
Product Dimensions (Dx H)	Ø55 x 152 mm
Nett Product Weight	95 gr
Packing Options	as part of JouLiteKIT1 or JouLiteKIT2