

Solar Lamp D.light S200



Why to choose this solution?

The d.light S200 solar lantern is lightweight (only 50 grams), affordable mobile charging lantern, has a unique dome lens that spreads soft ambient lighting throughout the room, and its long-lasting battery allows charging of mobile phones via its USB port. The S200 also provides three different brightness settings, from "Low" to "High", to suit the user need. Whether it is working at night or simply socializing, the S200 is a constant companion. Its battery produce 20 hours of light per full charge.

Savings per day or production:

The d.light S200 solar lantern is affordable mobile charging lantern with double the savings. Saves the user about KSH 150(USD 1.5) per day used on kerosine and phone charging.

Cost in money and in own time to construct:

Costs KSH 2,500(USD 25).

Lifetime:

Five years if used accordingly.

Maintenance needed:

D.light S200 is maintenance free.

Resources needed in use:

Uses Solar energy to charge the solar panel that is plugged into the lantern.

Problems and limits:

The price of d.light S200 is a bit high and not easily affordable by most of the rural poor communities.

Where and how can you get it or make it?

D.light lamp products are available in over 25,000 retail outlets around the globe. One can also purchase the products online.

Skills needed to produce, install, maintenance, use:

Only produced and installed by skilled persons from D.light company. The d.light S200 is maintainance free and its easy and simple to use, just press of a button and adjusting brightness settings.

How to use it:

<https://fb.watch/cmpRH116ML/> (video by d.light design Facebook)

How to maintain it:

Not relevant,

Climate effect (if any):

D.light S200 lamps are environmentally friendly since they do not emit carbon and also saves the atmosphere from carbon emitted by kerosine lamps.

Where it is used and how many users are there?

Used all over the world with over one million users in kenya.

Why is it successful?

Successful because they are excellent product, readily available, affordable and the payGo strategy that serves the customers better. D.light leads the way with a two-year warranty and dealer support through field-based staff, marketing materials, and in-country call centers. 90% of d.light customers rate their product as a good value for money and would recommend d.light to a friend.

If you can make it, a short description, typical problems, materials needed:

Only made by skilled personel from D.light company.

How to make it (if possible):

Not relevant

How is it delivered and by whom?

D.light has a global network of excellent distribution partners that enable them reach customers across the world.

Successful financial model

Support from investors, they enable payment with PayGo technology

What policies and strategies helped the success?

PayGo strategy, undertaking sales promotion,the Energy(Solar Water Heating) Regulations 2012 has enhanced surge in solar use in Kenya,D.light S200 also meets Lighting Global quality standards.

More info:

<https://www.dlight.com/product/s200/>

Sources:

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When was the case uploaded?

2022-05-05

*Case from Catalogue of Local Sustainable Solutions
in East Africa. Read more and see partners at*

localsolutions.inforse.org