

## Solar Sisters Lamp System - Sunking Home 120



### **Why to choose this solution?**

The lamp can light up to 4 rooms for up to 24 light hours, charges up to 3 phones and it has a security light.

### **Savings per day or production:**

The solar powered lamp can save 1200 Tsh per day

### **Cost in money and in own time to construct:**

N/A

### **Lifetime:**

5 Years lifetime, replaceable during warranty

### **Maintenance needed:**

After 5 years, repair of plastic nylon is needed.

### **Resources needed in use:**

Solar power in form of sunshine.

### **Problems and limits:**

Not easily affordable by very poor communities.

### **Where and how can you get it or make it?**

Available at Solar Sister Entrepreneurs.

### **Skills needed to produce, install, maintenance, use:**

Fabricated in industry, repair need special skills.

### **How to use it:**

<https://www.youtube.com/watch?v=makgV217HEk>

### **How to maintain it:**

<https://www.youtube.com/watch?v=2qljxg8qxc>

### **Climate effect (if any):**

The solar lamp reduces CO2 emission and it is environmental friendly.

**Where it is used and how many users are there?**

Used all over Tanzania especially in rural areas where grid is not yet connected.

**Why is it successful?**

It is affordable, clean and reliable source of light.

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

N/A

**How to make it (if possible):**

N/A

**How is it delivered and by whom?****Successful financial model****What policies and strategies helped the success?**

The Tanzanian government supports solar projects in several ways; through legislation as well as by providing financial support. Projects which qualify for such funding might take different forms, and range from lighting initiatives to large-scale solar PV fields.

**More info:****Sources:**

<https://solarsister.org/>

**When was the case uploaded?**

2022-05-02

*Case from Catalogue of Local Sustainable Solutions  
in East Africa. Read more and see partners at  
[localsolutions.inforse.org](https://localsolutions.inforse.org)*