

Infinite Light Turns a Recycled Plastic Bottle into a Solar Lamp

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Around the world, there are lots of rural households which do not have access to electricity and its implications are worrying. Upon nightfall, many families are forced to use kerosene lamps, spending approximately 25% of their weekly budgets to light them. Along with its cost, it also increases the risk of fire and causes harmful smoke. In this sense, infinite light is a simple solution providing high quality and cost effective solar lamp, to be used in rural populace. It strives to answer the needs of lighting of poverty stricken people. This simple solution provides light basically with flexible solar panel and the batteries which are placed in PET bottles. Flexible solar panel which is rolled in the bottle collects sunlight and with the batteries it is stored and converted into energy. Lighting unit does not require any infrastructure and it is a ready-to-use package that can be placed in a discarded plastic bottle. Durable and long-lasting, product aims to enlighten homes through a sustainable, inexpensive design.

Click here to watch “Infinite Light”: <https://vimeo.com/122119493>
