Solar lights that can generate electricity in water

WaterLight works 24 hours a day through ionisation, which sees electrolytes in the saline liquid react with magnesium and copper plates on the interior of the lamp to produce electricity.

Now, seawater is being used to power small lanterns that will light up the darkness for the Wayúu people, who live there. This handheld lantern, called WaterLight, works on just two cups ...

WaterLight is a portable lantern that can be charged with salt water or urine. Colombian renewable energy start-up E-Dina has developed a cordless light that converts salt water into ...

Discover how WaterLight, a portable lamp powered by saltwater, is transforming access to clean, renewable energy for off-grid communities. Learn about the technology and its global impact.

A Columbian company, E-Dina, is working on a solution that uses salt water to create a sustainable lighting solution for off-grid communities. The product, WaterLight, won innovation awards from TIME ...

E-Dina developed a wireless lantern called WaterLight, that converts salt water into electricity, enough to generate light for 45 days.

To solve this problem, two companies developed a light that can recharge without relying on a power grid. WaterLight is a portable, low-cost LED lamp that uses saltwater to recharge its ...

For off-grid communities that rely on solar lamps for lighting, Colombian renewable energy start-up E-Dina has developed a breakthrough solution: the WaterLight, a durable and portable cordless light ...

The portable device can be filled with 500 milliliters of seawater - or even urine in emergency situations - to emit up to 45 hours of light. Acting as a mini power generator, WaterLight can also be used to ...

A Colombian designer has collaborated with renewable energy company E-dina and Wunderman Thompson to build a lamp that generates light using salt water. It could help over 800 ...

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