

Photovoltaic off-grid power generation system in El Salvador





Overview

This project began with work done by the D-Lab: Energy I class in the spring of 2015, in which students from the class conducted interviews with community members to understand the current energy access and spending on lighting and mobile phone charging. In August of 2015 D-Lab staff members, Eric.

Solar energy products identified Using the information gathered during the assessment, we identified solar power and lighting systems that would be comparable to.

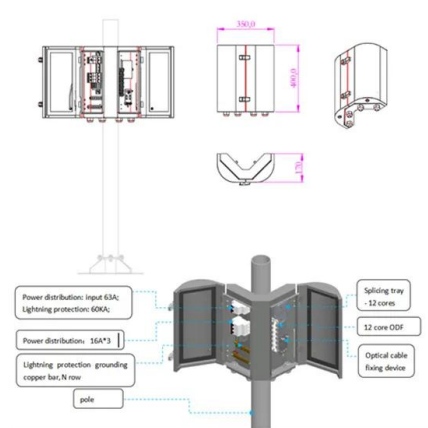
Next steps In the fall of 2015, ASAPROSAR conducted user testing by giving households a solar lantern to test for two weeks (two lanterns were rotated).

Asociación Salvadoreña Pro-Salud Rural - The Salvadoran Association for Rural Health (ASAPROSAR), Asociación árboles y Agua para el Pueblo (AAP).

D-Lab Staff members Eric Verploegen, Libby Hsu, and Becca Smith; D-Lab students Conrad Sanborn MIT '16, Joyce Zhang MIT '16, and John Ma, MIT '17.



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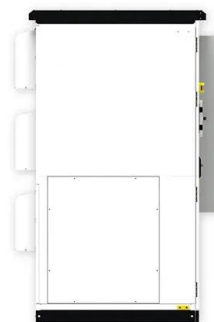
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Generation Division

Likewise, in partnership with Corporación Multi Inversiones, we developed Bósforo, an important solar photovoltaic project that generates 100 MW of renewable energy. As a whole, these ...

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[5. Designing and Modeling Off-Grid Solar Systems](#)

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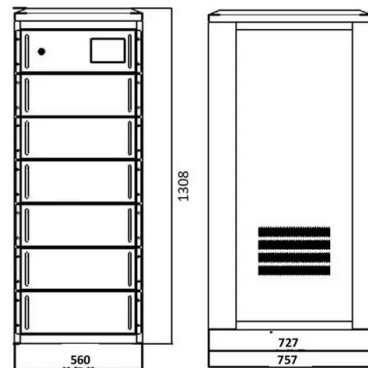




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[Off-Grid Solar in El Salvador , MIT D-Lab](#)

We found companies in Latin America that sell high-quality solar lantern with mobile phone charging capability that fits the needs and budget of individual households.

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