

SOLAR CHARGING STATION SALVASOL BASICO MADE IN EL SALVADOR

The social enterprise SalvaSol S.A based in El Salvador keep on producing and installing the [lamp and solar charger SalvaSol Basico](#) in rural households lacking connection to the power grid.

The SalvaSol@Básico is a small and mobile photovoltaic charging station working on solar power. The charging station provides the basic domestic functions like lighting for household needs, charging cell phones, powering radios and charging batteries.

This charging station [represents a solution for houses without electricity](#) providing benefits in saving the costs of many disposable batteries for flashlights and for radios, and the costs of recharging cell phones. It also diminishes the use of candles or kerosene for lighting and the related risks for health and security of homes.

The lifespan of the Solar SalvaSol@Básico charger is significantly high: between 15 to 20 years for the solar panel; 5 hours daily during 30 years for the LED Lamp; the battery (protected against overload and discharge with an electronic circuit) must be replaced every year. The lifespan of the other parts of the product, depending on the way it is used, is estimated in between 5 and 10 years.

For both the SalvaSol charger and the solar panel users are insured with a 12 month warranty, from the date of purchase.

The company has a social focus, selling the SalvaSol at a reasonable prize, with a no profit purpose. To facilitate the purchase of the product by the rural families, it has also established cooperation with the SAC Integral S.A. bank in El Salvador which offers a micro credit for a small annual interest. The terms of the loan allow families to save on the costs they spend for buying candles, kerosene, disposable batteries, and for charging cell phones.

The company SalvaSol S.A., founded in 2012 and based in San Salvador, operates through producing and selling to families the SalvaSol@Básico kit. At the same time the company works by establishing agreements with other enterprises, foundations, NGOs and organizations interested in implementing it in the rural communities of the country.

The company gives technical assistance to install and use the Solar charger. In particular the company ensures the repair of all damaged products (with or without the warranty) and the delivery of needed replacement products. All the necessary components and spare replacing parts are permanently available at the company's plant.



In addition, SalvaSol@Basico sales are accompanied by training, addressed both to individual users and to representatives of organizations that buy the product for instalments in rural communities.

The SalvaSol@Básico is the result of a project implemented in 2009 by the network *Rambiental*, the [Central American University José Simeón Cañas \(UCA\)](#) and the [Department of electronics of the Don Bosco University](#). UCA in particular is the leading institution in photovoltaic technology in El Salvador and its department of Energy Sciences undertakes projects in different Central American countries. These universities continue to support the company in the development of its activities.

The SalvaSol company also collaborates with the [ECCA organization](#) receiving advice on several technical and market issues of the product. The ECCA produces and distributes in Nepal the [solar Lamp Tuki](#), with similar characteristics to the SalvaSol.

SalvaSol S.A. is a company that combines a high skilled professional profile with a great social responsibility. Through collaborations established with national institutions and partners committed to community and sustainable development, it fosters skills of young people encouraging their abilities in renewable energy sources and the capacities of communities in their management and maintenance.

On its website, the SalvaSol S.A. presents with documents, brochures and videos the main characteristics of the product and the contacts to establish collaborations.

To know more

[SalvaSol Basico website](#)

[Partners of the SalvaSol Company](#)

[Training activities](#)

