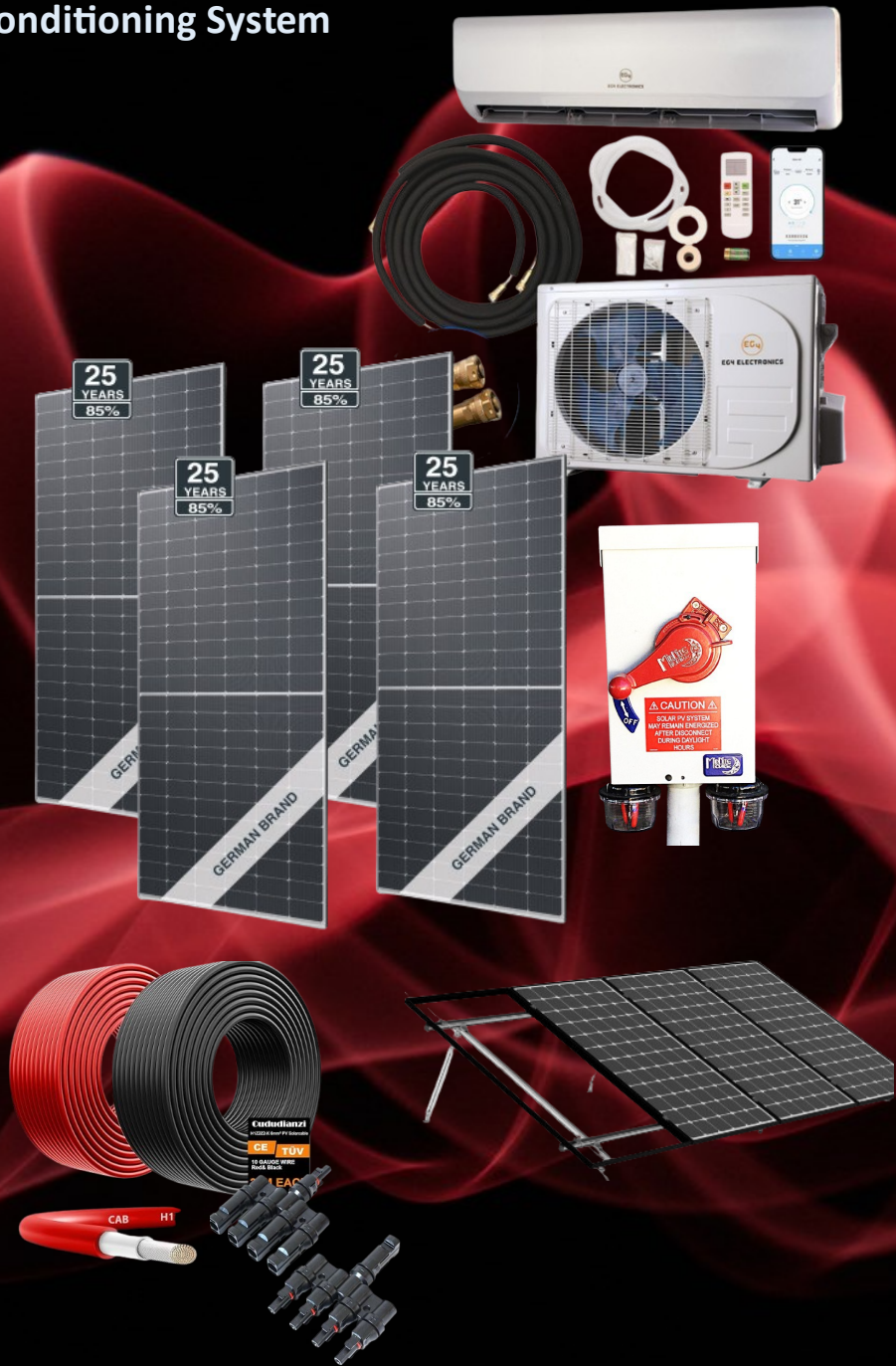# Solarius-1

## Solar/AC Hybrid 12k BTU Air Conditioning System

## Features

* 12K BTU Output Rated

* Designed for spaces from 450 to 600 Sq.Ft.

* Solar /120 VAC powered

* Premium quality, German engineered 1.8 kW solar array with all racking included.

* Battery Energy Storage available for nighttime use optional.

* Five Year AC system warranty, 25 years on solar panels.

* All systems qualify for Federal Energy Tax Credit of 30% US and Mexico.

### New Plug-n-Cool Technology - Easy Do-It-Yourself Installation!

Our Hybrid Solar /AC Air Conditioning system is a complete system package we put together specifically for our Caribbean and LATAM customers. It can be installed by the average homeowner without special tools  or  training!  We provide you with engineering, installation and technical support free for five years.

# Solarius-1

## Solar/AC Hybrid 12k BTU Air Conditioning System

Stay cool and comfortable in the summer heat, and warm in the winter using the power of the sun and free energy!

Our dual power system can automatically switch over to your 120 household current during the evenings or on cloudy days

saving you money without sacrificing comfort in your home!

## Electrical Specifications

### AC Specifications

Rated AC Voltage-115VAC

Circuit Ampacity-19.05Amps

Rated AC input Power- 190—1100 watts

Frequency— 60HZ

### DC Specifications

Rated DC Voltage-  90VDC—380VDC

MAX PV Voltage–  380VOC

MAX PV Amperage– 12 A

### Solar Array Specifications

83 in. X 172 in.  Area Size

Approximate Weight– 350LBS. MAX

### Standard Equipment Included:

Hybrid Mini Split AC/DC unit w/ Installation Kit

4 Each Axitec Premium Solar Panels with K2 Systems

racking for flat root installs.

100 feet premium AWG 10 solar wire RED

100 feet premium AWG 10 solar wire BLACK

Solar system Main Disconnect box w/ integrated

lightning/surge protection circuitry.

PV connectors and crimper tool kit.

For pricing and more information,

contact  our Sales Manager Mexico!

**Mario Barros Alvarado**

**Sales Manager, Mexico**

**+52 461 105 8862**

https://solarresearchtech.com