

aHMonitor

Driving solar success, watt for watt.



aHMonitor



Intelligent monitoring of your solar installation.

Visualise in real time

Visualise your solar installation from anywhere in the world with our monitoring system. See the energy generated in real time as well as your savings and avoided CO2 emissions to the atmosphere. This visualisation allows **the monitoring of the installation**, even when users are absent, providing peace of mind and efficient management of the solar installation.

Higher efficiency

The aHMonitor provides real-time data on system performance and efficiency. Visualising key parameters such as energy production, system downtime and potential problems, the monitoring system allows users to optimise the performance and maximise the energy production of their solar installation. **The result is greater energy efficiency and cost savings over time.**

Early detection of problems

The aHMonitor enables early detection of any potential problems or malfunctions of the solar installation. The system constantly analyses performance data and alerts users to any anomalies or deviations from expected performance. **This early detection allows for timely maintenance and repairs, minimising system downtime and ensuring maximum energy production.**

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Reports

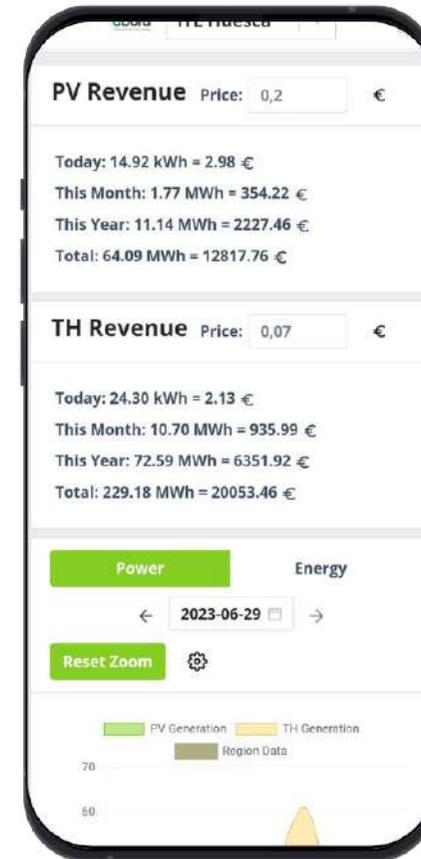
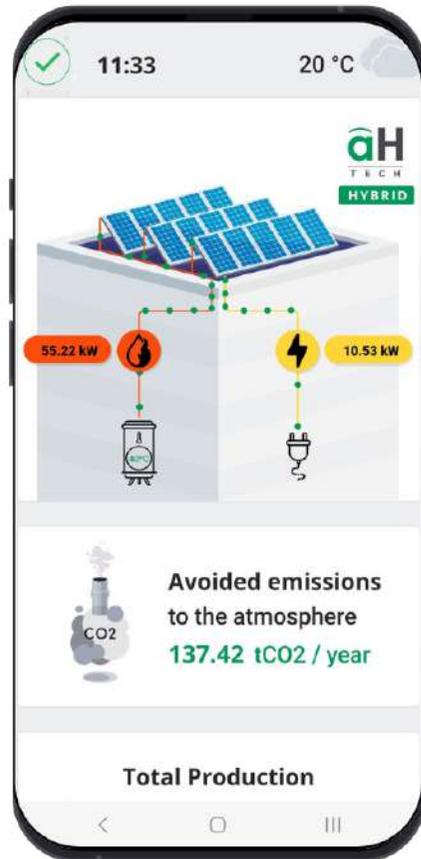
The **aHMonitor** provides detailed reports and historical data whether for internal audits, regulatory requirements or meeting sustainability targets, accurate and reliable data simplifies the reporting process and ensures operational transparency.

Optimisation of the installation

The **aHMonitor** helps users identify opportunities to optimise the system. By analysing performance data, users can assess the impact of external factors such as shading, temperature and panel orientation on energy production. This information can be used to make informed decisions about system upgrades, panel repositioning or additional investments to maximise overall system performance and efficiency.

Adaptability and compatibility

The **aHMonitor** is designed to be adaptable and compatible with different types and sizes of solar installations. It can support upgrades, the addition of new components or integration with other energy management systems, **ensuring seamless functionality** as the solar installation evolves.



SISTEMA DE MONITORIZACIÓN

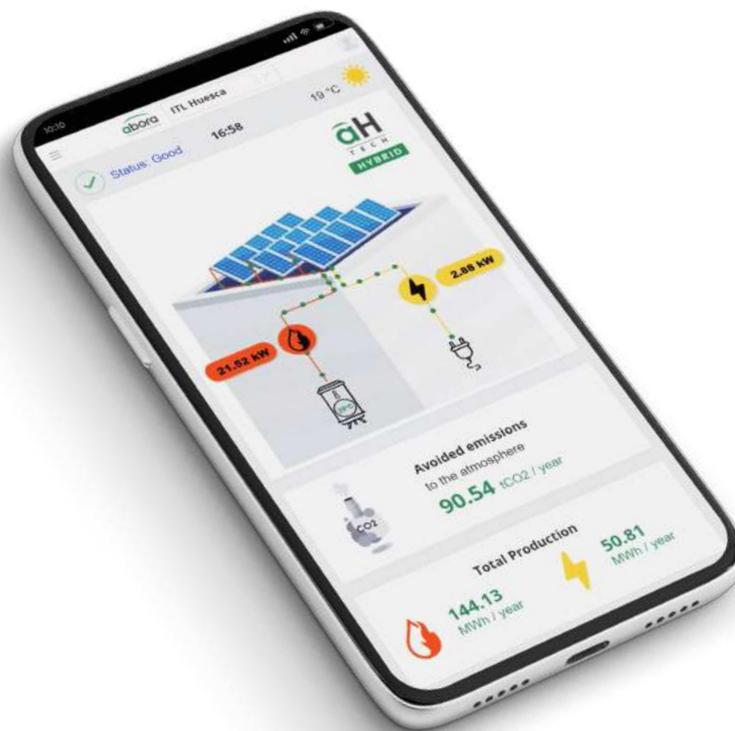
aHMonitor

It presents collected data in a user-friendly interface, with visualisations, graphs and reports that facilitate interpretation and analysis. Users can access information on energy production trends, historical performance and system status, facilitating informed decision-making.

Display



Data



Product
aHMonitor

Data
Over 40 variables

Connected equipment
PV Inverter
Solar controller
Flow meter
Temperature sensors

Benefits
Visualisation
Monitoring
Optimisation

aHMonitor

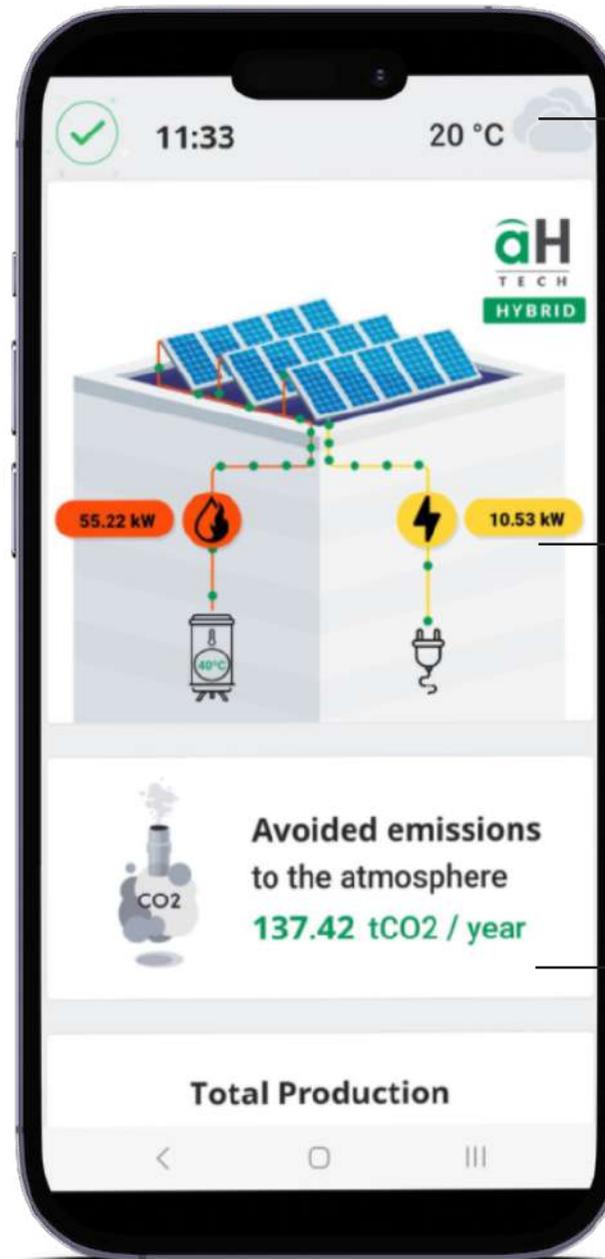
Características

Management and analytics dashboard

- Real-time data collection
- Performance measurement
- Data analysis and diagnostics

Parameters

- Adaptability and compatibility
- Data security and confidentiality
- Remote monitoring and control



● Alerts

The system constantly analyses performance data and alerts users. This early detection allows for timely maintenance and repairs, minimising system downtime and ensuring maximum energy production.

● Display

By visualising the data, users can monitor the amount of energy produced and its emission reductions and thus quantify the environmental impact of their solar installation and demonstrate their commitment to the sustainable development of their business.

● Data analysis and diagnosis

The aHMonitor uses advanced analytics and algorithms to analyse the data collected, allowing for a better understanding of system performance, energy production patterns and potential problems. This data-driven approach allows users to identify optimisation opportunities, solve problems and make data-driven decisions to improve system efficiency.

On all your devices





A tool to do more with your installation.

With the aHMonitor you can monitor the profitability of your solar installation by monitoring the energy production and optimising maintenance interventions.

[More information at abora-solar.com](http://www.abora-solar.com)

