

## European Solar and Energy Storage Solutions

# Tunisia energy management iot



## Overview

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Who manages the energy sector in Tunisia?

As of March 2020, the Tunisian electricity sector is managed by the Ministry of Energy, Mines and the Energy Transition. For the past two years, renewable energy portfolio was managed by the Ministry of Industry, Small and Medium Size Enterprises.

What is the energy situation in Tunisia?

The energy situation in Tunisia is marked by limited resources, a decrease in production and a sharp increase in demand. The gap between energy generation and national demand in hydrocarbons has created a deficit in the primary energy balance, which reached 49% in 2018, against 15% in 2010.

Should Tunisia establish an Energy Regulatory Authority?

Tunisia should also prioritize establishing an energy regulatory authority to help enforce performance standards and strengthen the financial viability of the sector and address the governance challenges, political instability, and insufficient government commitments that are impeding private sector engagement. ( [Learn more about climate finance](#) ).

Will Tunisia achieve its climate goals?

These efforts are aimed at pushing Tunisia toward its climate goals and sustainable economic growth. While Tunisia should be applauded for its ambitious goals, achieving these targets will be an uphill effort.

What support does Tunisia need?

For instance, Tunisia needs commercial support to launch its private sector, including debt financing, investment funds, and technical assistance to improve the bankability of potential projects. International financial institutions, such as the U.S. International Development Finance Corporation, can fill this role.

Is Tunisia a good place to invest in Africa?

Under the concession regime, Tunisia has been able to secure some of the lowest tariffs in Africa, attracting large investors with its competitive pricing. However, much more remains to be done on the commercial, regulatory, and political side so that investors and lenders can fully participate in the market.

## Tunisia energy management iot

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### Revolutionizing IoT Energy Management Systems

IoT-based energy management systems have the potential to revolutionize the way we manage and consume energy. By providing real-time insights, promoting energy efficiency, and enabling predictive maintenance, these systems empower businesses to make informed decisions that positively impact both their bottom line and the environment.

### Wattnow raises \$1.3 million in pre-Series A round

Tunisia-based IoT energy management solution Wattnow, has closed a \$1.3 million pre-Series A funding round, led by Katapult Climate and 216 Capital, with participation from Launch Africa Venture alongside Cross Boundary, Oman Technology Fund and a business angel from Saudi Arabia.



### Emerging Trends in Tunisia's Energy Sector , RTI

Increased connectivity between grid assets through Internet of Things (IoT) technologies is a groundbreaking development for the sector. IoT can be leveraged to give operators real-time insights into the behavior of the grid through advanced sensors and software.

### 5 Top Internet of Things

## Companies in Tunis · December 2024

Tunis, Tunisia . Founded 2021 . \$15k raised from Green4Youth 2nd Cycle and 6 more See all investors. THINK AIR Wattnow is an IoT Smart Energy Management Solution. We help companies optimise their energy usage in order to reduce costs and their carbon footprint. Our devices collect real time energy data, automate loads, and everything can be



## IoT Energy Management: Benefits, Use Cases, and Challenges

The Internet of Things (IoT) in energy management has grown from almost non-existent to a \$70 billion market in less than a decade. With the pressure to transition to more sustainable operations, end-consumers and energy asset operators alike seek greater resource efficiency -- and IoT technology delivers just that.

## wattnow -- Launch Africa

What they do: Wattnow is an IoT energy management solution that measures real time consumption using smart meters connected to a cloud-based dashboard and mobile app. Wattnow helps companies gain actionable insights on their overall energy usage through their Smart Energy Monitoring System that identifies trends, waste sources and anomalies, in order ...



## Tunisia's Wattnow raises \$1.3M pre-Series A to expand across ...

Tunisia-based IoT energy management solution Wattnow, has closed a \$1.3 million pre-Series A funding round, led by Katapult Climate and 216 Capital to boost its local sales and expand outside of Tunisia, targeting markets in Africa and the Middle East.



## 16 Top Internet of Things Companies in Tunisia · December 2024

Wattnow is an IoT Smart Energy Management Solution. We help companies optimise their energy usage in order to reduce costs and their carbon footprint. Our devices collect real time energy data, automate loads, and everything can be visualized on a user friendly cloud-based dashboard and mobile-app.



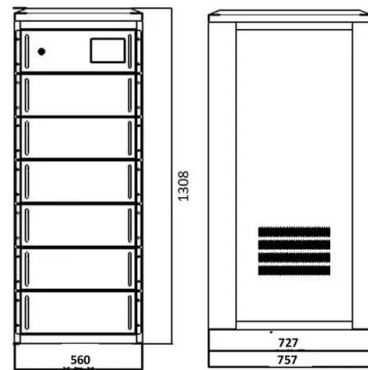
## 41 Top Manufacturing Companies in Tunisia · December 2024

2 ???· Detailed info and reviews on 41 top Manufacturing companies and startups in Tunisia in 2024. Get the latest updates on their products, jobs, funding, investors, founders and more. Wattnow An IoT Smart Energy Management Solution. Kamioun Making last-mile B2B in North-Africa fair, ultra-efficient and transparent.

## Wattnow raises \$1.3 million in pre-Series A round

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## Enhancing Security and Energy Efficiency in Smart Energy Management

This research endeavors to fortify the security aspects of smart energy management systems (SEMSs) while optimizing energy efficiency by amalgamating Internet of Things (IoT) technologies. By integrating the IoT into the SEMS framework, this study aims to explore and enhance cybersecurity measures by implementing cutting-edge strategies to protect against ...

## Top trends in energy management for businesses in 2024

1 ??· As global energy markets evolve, businesses are under more pressure than ever to optimize their energy use. In 2023, global energy transition financing reached a record \$303.3 billion in the United States -- and this trend shows no signs of slowing. With rising energy prices and a greater emphasis on sustainability, businesses are looking for smarter, data-driven ways ...



**With Over \$10M in Funding,**

## Tunisia's Wattnow Aims to Use AI for ...

Wattnow's IoT solution combines hardware and software to offer advanced features such as fault and anomaly alerts, detailed reporting, and in-depth energy usage analysis. Additionally, it provides predictive recommendations for maintenance and cost optimization.



## IoT in Energy Management: Solutions & Benefits [2025]

Another matter is using IoT-based energy management systems. IoT smart energy management systems are advantageous to the entire electricity supply chain: consumers, distributors, and power plants. Let's go through the main advantages of energy management using IoT in greater detail: Reduce Energy Costs. The most important advantage provided



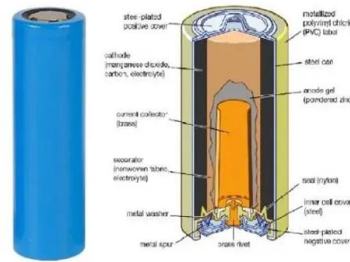
## 5 Top Internet of Things Companies in Tunis · December 2024

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## AITEC'2024

Monastir-Tunisia, December, 23-26, 2024 IoT standards and interoperability, Energy-efficient IoT solutions Photovoltaic, Thermal solar energy, Advanced energy storage systems and

management, Energy-efficient buildings and smart home technologies, Electric vehicles and infrastructure, Grid integration of renewable energy sources,



## Tunisia: Wattnow raises investment from Lateral Frontiers, E3 ...

The funding will support Wattnow's expansion into new markets beyond Tunisia. Utari Wanjohi, investment manager at E3 Capital, stated, "Wattnow's business model and focus aligns with our investment thesis, given the critical need for efficient energy management amidst rising energy prices and the global drive to reduce carbon emissions."

## 9 Top Energy & Cleantech Companies in Tunisia · December 2024 ...

We're tracking Wattnow, ENER ZED and more Energy & Cleantech companies in Tunisia from the F6S community. Energy & Cleantech forms part of the Energy industry, which is the 16th most popular industry and market group. Wattnow is an IoT Smart Energy Management Solution. We help companies optimise their energy usage in order to reduce ...



## Smart PV Hydroponic Greenhouse for Sustainable Agriculture in Tunisia ...



Salwa Bouadila Center for Research and Energy Technologies, Tunisia Adnen Cherif Laboratory of ATSSSEE, Faculty of Sciences of Tunis, University "IoT-based smart energy management for solar vanadium redox flow battery powered switchable building glazing satisfying the HVAC system of EV charging stations,"Energy Conversion and Management, vol

## Tunisian energy management startup Wattnow raises multi

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Tunisian startup Wattnow, an IoT-based smart energy management solution, has announced the closing of a multi-million dollar funding round to help drive its already impressive growth. Founded in 2018 by Issam Smaali, Wattnow helps companies take control of their energy usage through the combination of its plug-and-play hardware and software



## REMS

REMS is an energy management system for hotels, commercial buildings and marine assets that increases energy efficiency by cutting on energy wastage and associated costs when rooms are not occupied. Designed for retrofit or for new build projects, REMS gives the property manager the ability to control energy requirements to meet guest comfort

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