Sustainable Community
Built with SmartThings Energy
Global Leading Company

Rank in Global Market
Market leader with over 31,000 smartphones and 1,000 TVs sold every hour

1st

5th  2022 Best Global Brands  Interbrand
6th  2022 Most Innovative Companies  BCG
8th  2022 Most Valuable Brands  Forbes

Design Capabilities
The winner of 74 awards, the highest number of awards received to date, including:
- Product (38 awards, including 3 golds), Concept (8 awards)
- Communication (7 awards), Packaging (2 awards)
- Service (2 awards), UX (15 awards), UI (2 awards)

Environmental Friendliness
- Awardee of the 2022 Sustained Excellence Award, the highest honor in the ENERGY STAR Awards
- US government’s global program to promote use of energy conserving consumer products

American Customer Satisfaction Index (ACSI)
One of the 2nd place brands in a customer satisfaction evaluation for household appliances (1st place in 2021)
Samsung Home IoT with SmartThings

SmartThings IoT Platform

**Universality**
Dominating the smart life with wide coverage

- **261M*** Registered Users
  - Europe: 73M users
  - N America: 61M users
  - Latin America: 37M users
  - Korea: 16M users

- **115M*** Connected Devices

* As of Mar 2023

**Expandability**
Expanding ecosystem with global leading partners

- **300+** Partner Brands

![Partner Brands](image)

**IoT Growth**
Interoperability

- Small Devices (sensors, hubs)
  - matter

- Large Devices (TV, appliances)
  - Home Connectivity Alliance

**Universality**

- Top Global Brands

** as of Mar 2023

** as of 91M + Non-Samsung 24M
Samsung Home IoT with SmartThings

Beyond Devices to Services

6 Services
New Capabilities
- Cooking
- Energy
- Clothing
- Air
- Home Care
- Pet
- Monitor, Control, Recommend

Partners
New Business Models

ESG
Sustainability

AI-enabled saving mode

Vision of the Net Zero Energy Home

Average Savings

21%
SmartThings Energy Vision

Build a Sustainable Future

Net Zero Home
with Photovoltaics & Energy Storage

Smart Grid Ready
Demand Response & Time of Use

AI Energy Mode + Energy Saver
HA, HAVC, TV & Things*

Energy Consumption Insight
HA, HAVC, TV, Things & Whole home*

* Models with power measuring capability only. Supported features can be varied based on the model and region.
SmartThings Energy

Energy Consumption Insight

Monitoring & Analysis

Tangibly shows **the energy usage pattern and estimated cost** for all connected devices*.  
* Home Appliances, HVAC and TV.

Carbon Intensity Aware

Real time insight into your carbon footprint  
Carbon reduction based on energy production
Samsung Home IoT with SmartThings | Why Samsung Home IoT?

SmartThings Energy

AI Energy Mode

One-touch saving

AI Energy Mode enables Samsung home appliances to save energy without sacrificing comfort.

Various Options

AI Energy Mode has various options for saving energy more efficiently based on estimated usage through an AI server.

Energy saved by AI Energy mode*

<table>
<thead>
<tr>
<th>Device</th>
<th>Energy saved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washer</td>
<td>60%</td>
</tr>
<tr>
<td>Dryer</td>
<td>35%</td>
</tr>
<tr>
<td>Refrigerator</td>
<td>15%</td>
</tr>
<tr>
<td>Air Conditioner</td>
<td>20%</td>
</tr>
<tr>
<td>Air purifier</td>
<td>30%</td>
</tr>
<tr>
<td>Dishwasher</td>
<td>20%</td>
</tr>
<tr>
<td>Dehumidifier</td>
<td>20%</td>
</tr>
<tr>
<td>Hood</td>
<td>35%</td>
</tr>
<tr>
<td>TV</td>
<td>20%</td>
</tr>
<tr>
<td>EHS</td>
<td>40%</td>
</tr>
</tbody>
</table>

* The saving amount is based on internal testing, and to be confirmed for each country.
Samsung Home IoT with SmartThings | Why Samsung Home IoT?

SmartThings Energy

Smart Grid Ready

Load management and cost savings

Service Provider

Utility Integration
Whole Home data Integration

Local Government

User Engagement/Rebate

Demand Response

SmartThings Energy reduces energy consumption of appliances during peak hours.

Customer receives incentive for helping balance the grid

Demand Response Service Provider

Grid Demand Management

Korea EU US

* Will be updated in 2023
Create a Net Zero Home using PV+ESS+Devices+IoT integrated with SmartThings Energy.

* The water tank heats up when there is surplus energy generated by solar panels. On the other hand, when solar energy is low your devices will run in energy saving mode to help you reach your Net Zero Home energy goal.

US EPA ENERGY STAR Certified (Dec 2022)
First to be certified for a Smart Home Energy Management System
Samsung Home IoT with SmartThings | Why Samsung Home IoT?

**SmartThings Energy**

**Net Zero Home**
Maximized use of solar energy

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**Monitoring & Report**

**PV & ESS Status**
Monitor your solar energy production and storage.

**Solar Share**
At a glance, you can see the percentage of energy usage provided by solar energy.

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**Automatic water heating**

SmartThings Energy provides heat pump automations that can be used to suit the energy supply and demand.

**When there is excess energy**
Setting a high temperature helps you ensure that no solar energy is wasted.

**When you need to save energy**
Setting a lower temperature helps you save money and use less energy.

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**Net Zero Community**
Stockholm-based real estate development community, S. Property Group will build a net zero community at the Brobyholm Development

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SAMSUNG
Appliance & Energy Service Provider

ABB
Electrification

VATTENFALL
Infrastructure

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PV & ESS Status
Energy Storage System
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