



2025

COMPANY  
PROFILE

# SENTA ENERGY

## Company Profile

GREEN ENERGY / SMART BUILDING / INNOVATIVE AGRICULTURAL SYSTEM INTEGRATOR

Senta Energy Co., Ltd

STA-A2 2025-5-V1

WWW.SENTAENERGY.COM

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- Development History
- Business Scope
- Enterprise Qualification
- Cooperative Brand

About Senta



# SENTA

»» SINCE

# 2016

## SENTA ENERGY

Founded in 2016, Senta Energy Co., Ltd., located in Wuxi, Jiangsu, is a high-tech enterprise mainly engaged in new energy photovoltaic power generation and energy storage business, new building prefabricated houses and new agricultural distributed planting business. Integrating independent research and development, production, sales, and service, we are committed to providing global users with overall solutions for the whole life cycle intelligent energy, intelligent buildings, and intelligent planting.



### STRATEGY

New Energy + New Architecture  
+ New Agriculture



### POSITIONING

Be Your Mobile Energy Solution Expert!



### MISSION

Ecological Home, Smart Home!



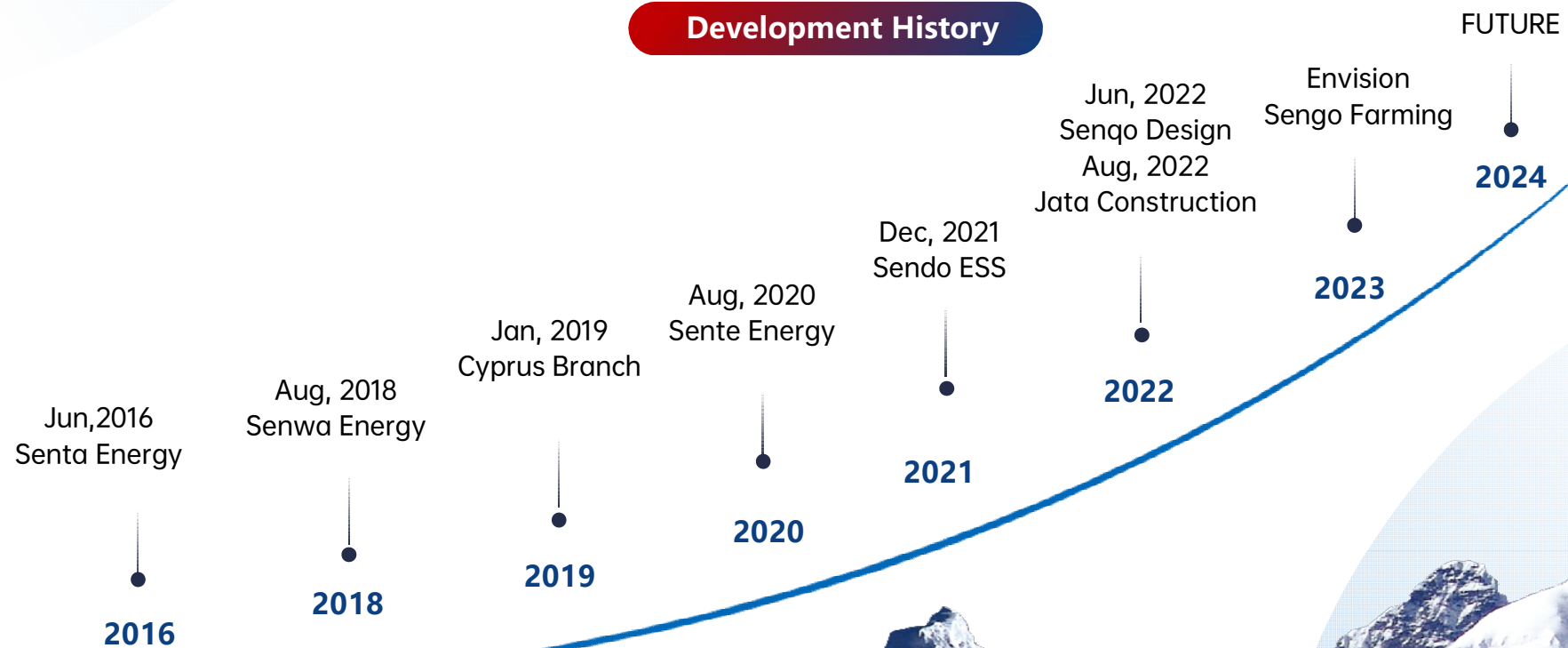
### VISION

Build an ecosystem industry and  
accompany your life!

## About Senta



### Development History



## About Senta



### Business Scope

#### Group company: Senta

##### Solar Products



Solar Power Container、Solar ESS Container、Solar EB Container、SolarPlanting Container、Solar Living Container、Solar Cooling Container

#### Project company: Sente

##### Solar Projects



Distributed + energy storage + off-grid EPC/ construction/operation and maintenance, project investment and financing, etc

#### Storage company: Sendo

##### Battery Store



Inverter, Battery, Movable BESS and other lithium battery product

### Brand System





## About Senta



## Factory environment





## About Senta



## Assembly environment



## About Senta



## Industry-University-Research



**Jiangsu Academy of  
Agricultural Sciences**  
Facilities and equipments  
of agriculture and  
environmental regulation  
technology



**IOT Engineering of  
Jiangnan University**  
OT technology and  
management control  
software



**College of Agriculture,  
Yangzhou University**  
Plant growth environment  
control and mushroom  
cultivation



## About Senta

### 1, Intellectual Property

- More than **40** Patents, among which **7** inventions
- 1** integrated circuit
- 8** Software copyright
- More than **60** Trademarks, among which **1** international trademark

### 2, Enterprise qualifications

- National high-tech enterprise
- Provincial-level specialized special new enterprises
- Jiangsu Province Private technology enterprise
- Small and medium-sized high-tech company
- Fledgling Enterprise

### 3, Product certifications

- TUV
- CE
- ISO9001
- Intellectual property standards system certification

## Enterprise Qualification



## About Senta



### Cooperative Brand

JA SOLAR  
晶澳太阳能

GSC  
WHERE THERE IS SOL THERE IS POWER



中国石油

jskye  
By Sky Energy

TRUE POWER

锦浪科技  
JINLONG

GROWATT

BOSON博顺

阿特斯

PT. SUMBER ENERGI SUKSES MAKMUR  
Amaze Energy and Friendship

LONGi 隆基

Trinasolar  
天合光能

阳光电源  
SUNGROW  
English and Chinese combined version

SUNKET®  
萨科特

欧力特 OLITER



solis

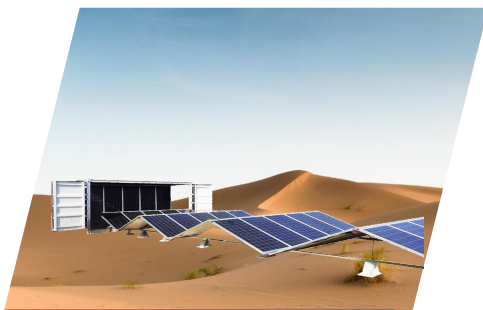
Deye

SOLINTEG  
INTEGRATE SOLAR INTELLIGENTLY

Jinko Solar

更多品牌>>

## Product Series



### GREEN ENERGY

Solar Containers,  
Solar&ESS,  
Solar PV Components



### SMART BUILDING

Assembly Building  
Offshore Cabin1.0



### INNOVATIVE AGRICULTURAL

Smart Planting

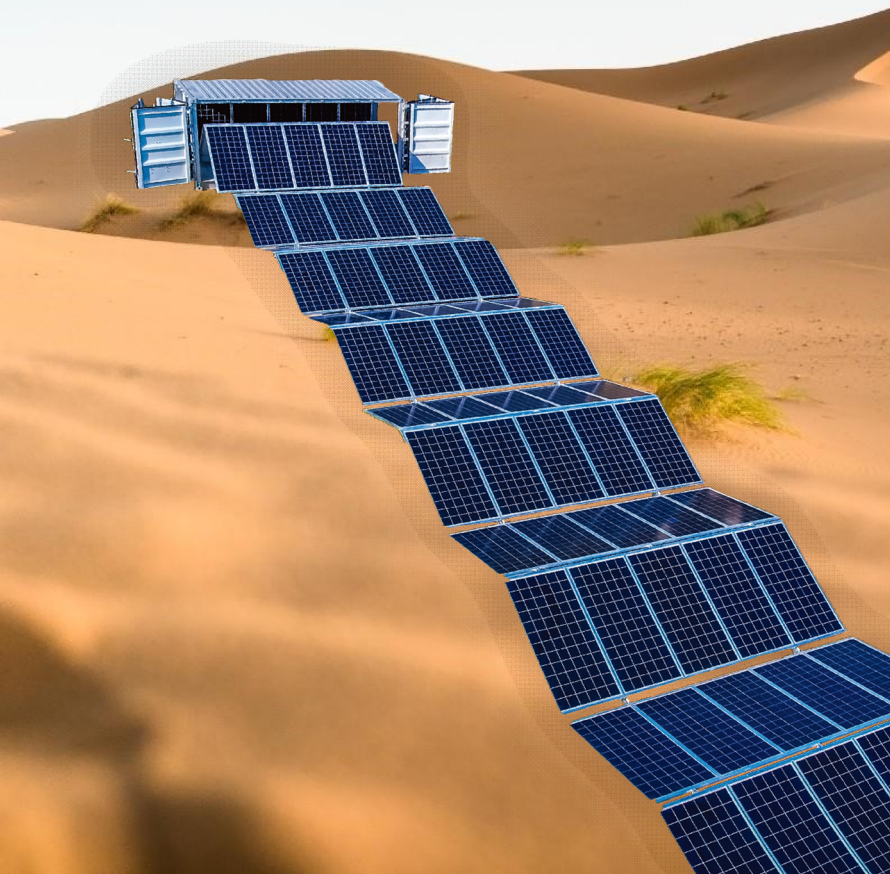


# 01 GREEN ENERGY

- ▣ Solar Containers
- ▣ Solar&ESS
- ▣ Solar PV Components

# 01 GREEN ENERGY

## Solar Containers



Solar PV Container

Solar ESS Container

Solar EB Container

Solar Living Container

Solar Planting Container

Solar Cooling Container



Fast assembly



Flexible



Simple to install



Safe and reliable



Plug and play



Modularized

## Solar Containers



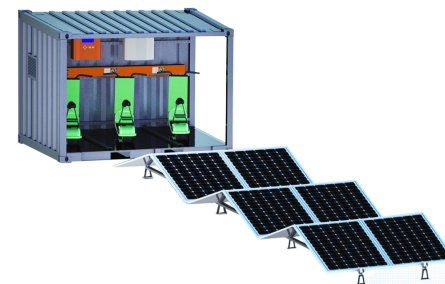
### Solar PV Container



### Solar ESS Container



### Solar EB Container



### Solar Living Container



### Solar Planting Container



### Solar Cooling Container





## Solar Containers

### Application Scenario



Camping Power Supply



Off-grid Power Generation



Disaster Emergency Response



Industrial and Commercial Application

## Solar Containers



### Project Case



① Transportation Way



② Hoisting in Position



③ Open & Assembly



④ Unfold Solar PV Array



⑤ Cable Installation



⑥ Final Operation



## Solar Containers



### Delivered Projects

**Europe**  
**20GP50K/20GP80K**



**UAE**  
**40HQ200K**



## Solar Containers



### Delivered Projects

**Saudi Arabia**  
**40HQ100K**



**Germany**  
**20HQ100K**





## Solar Containers



### Delivered Projects

**Foldable Power  
Container with Wind-  
BESS-DG-20GP**



**Africa  
solar ESS container-  
20GP50K**



## Solar Containers



### Delivered Projects

**Italy**  
**08GP20k20**



**Saudi Dammam**  
**20GP80K**





# 01 GREEN ENERGY

Solar&ESS



## Solar PV Projects



Industrial& Commercial Projects, Residential Projects, Off-grid System Projects、 New Special Projects

## Energy Storage System



Industrial& Commercial Projects, Residential Projects、 Off-grid System Projects

## Operation&Maintenance



Cleaning system

## Cooperation Mode

Distributed

Third Party Investment In EMC

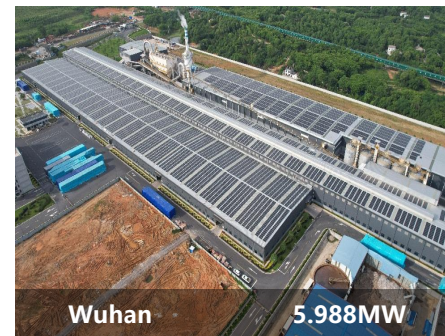
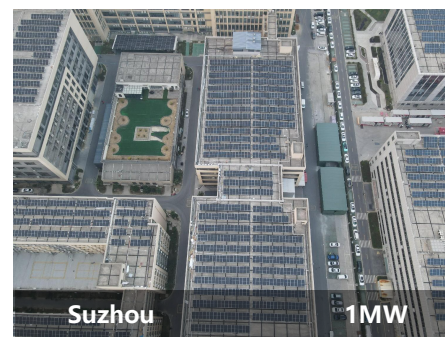
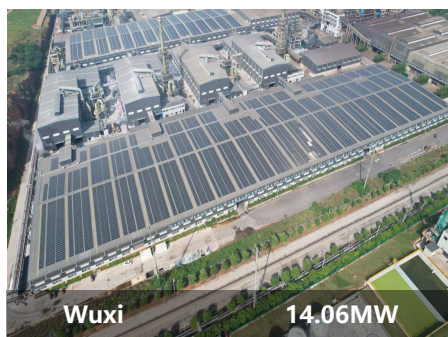
Finance Lease



## Solar & ESS Projects



### Commercial Projects

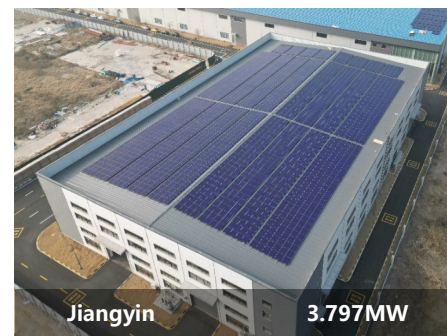




## Solar & ESS Projects



### Commercial Projects



\*部分案例展示\*



## Solar & ESS Projects



### Residential Projects





## Solar & ESS Projects



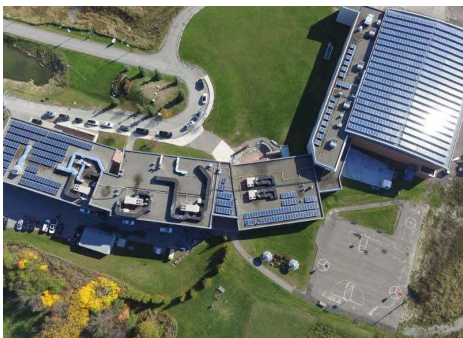
### Off-grid Energy Storage



## Solar & ESS Projects



### Overseas Project





## Solar & ESS Projects



### Overseas Project

#### Guba Ground Power Station 12MW





## Solar & ESS Projects



### Overseas Project

#### Papua New Guinea

#### Optical Storage Off-grid Project



Overseas Project

Africa

Energy Storage Power Station 890.88KW/2.15MWH





# 01 GREEN ENERGY

Solar PV Components



## Lithium Battery

Wall Mounted Battery

Stack Mounted Battery

AIO Movable Battery

## Solar PV Inverter

On Grid Series

Hybrid Series



Safer



Efficient



Multi-scene



## Solar Power Storage



High inverter compatibility



Home Automation



Reliable LFP cells



Wi-Fi Communication



CANbus standard connection



IP54 Rating  
Triple hardware protection



Big LCD display



Power export limit



Compact and easy to install



Wifi / GPRS / Lan communication optional



Great reliability



Good safety and quality



## Solar Application Kits



### Foldable Solar Table-F



### Foldable Solar Table-A



### Foldable Solar Array-L



## Solar Power Storage



Indonesia 90kW/180kWh



Cyprus 15kW/30kWh



Vietnam 5kW/10kW



Wuxi 83.6kW



Vietnam





## 02 SMART BUILDING

Offshore Cabin1.0

## Smart Building

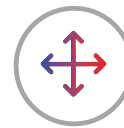


### Offshore Cabin1.0

The offshore rapid assembly house; The so-called "offshore" means it does not need the input external resources and can independently provide various energy needs, including electric energy, light energy, heat energy, intelligence water, etc., so as to realize "positive energy building" in a real sense.



Quick  
disassembly



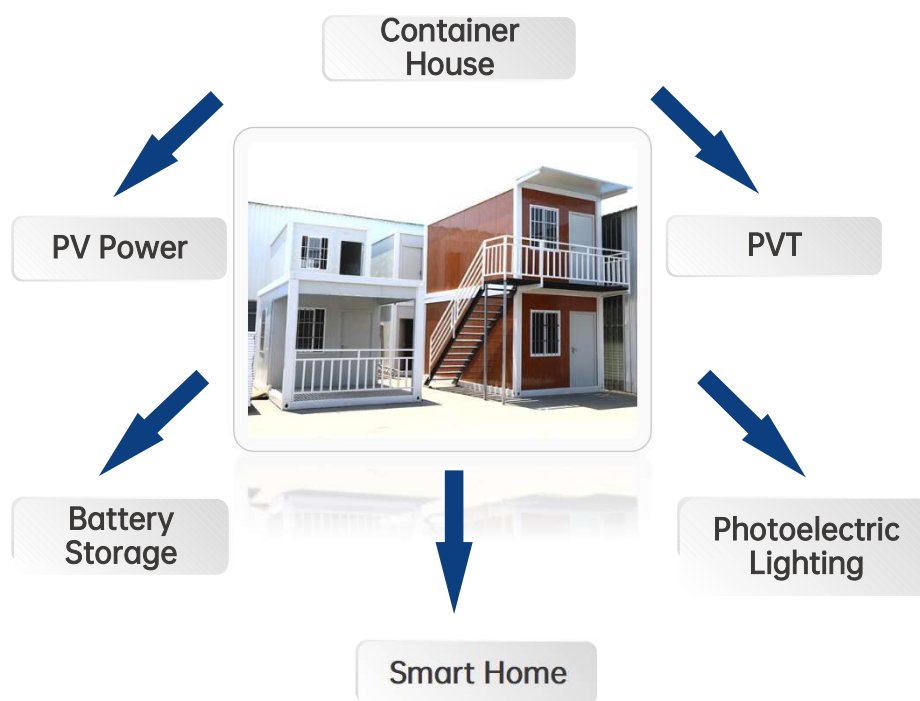
Easy to  
move



Sufficient  
energy



## Smart Building



## Smart Building

### Applications



### Cases





## 03 INNOVATIVE AGRICULTURAL

- ▣ Vegetable Cultivation
- ▣ Mushroom Cultivation
- ▣ Flower Planting
- ▣ Forage Planting

### Planting System Overview



### Hardware Facilities

1. **Supporter:** Customized modular cabin (Required)
2. **Plant Equipment:** Planting rack, Planting tray (Required)
3. **Energy Source:** PV system with ESS (Optional)
4. **Heat Source:** PVT heating system (Optional)
5. **Illuminant:** Planting LED (Required)
5. **Water Source:** Rainwater collection and purification System (Optional)

### Remote automated life support system (Optional)

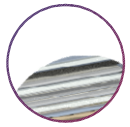
Planting and energy management system, remote control, monitoring, alarm system, etc., Unattended Systems.

### Operation platform

With digital intelligent Senta social media platform, communitized commercial site and application of intelligent data analysis, optimizing customized parameter settings with customer preference, plant species and agricultural technology.

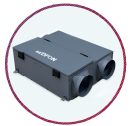


## Innovation Agricultural



### 01 Planting tray

It's made of food-grade plastic



### 02 Fresh air ventilator

Exchanging in-external air



### 03 Nutrient fluid circulation system

Keep the plants getting nutrients



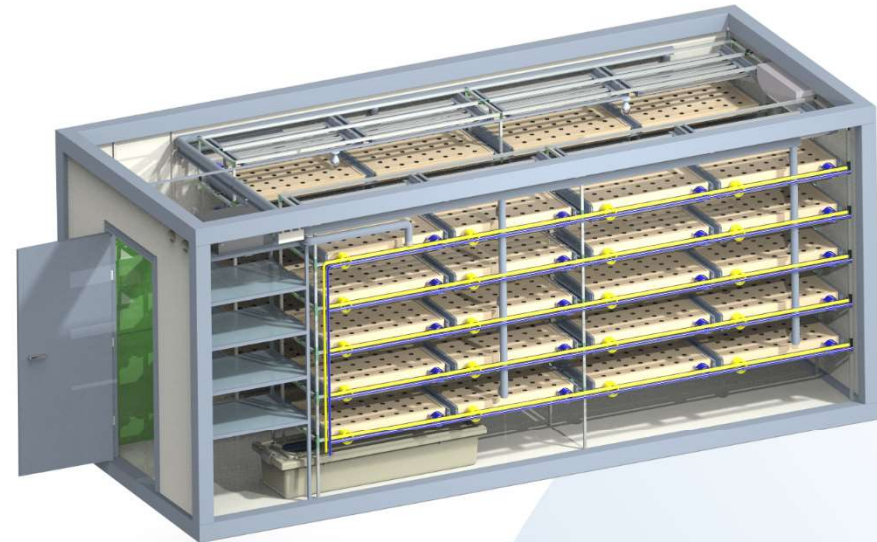
### 04 LED

Mimicking the sun makes plants grow better



### 05 Air conditioner

Automatically adjust the indoor temperature, so that plants can grow better



Planting Case



Integral composition



Residential office



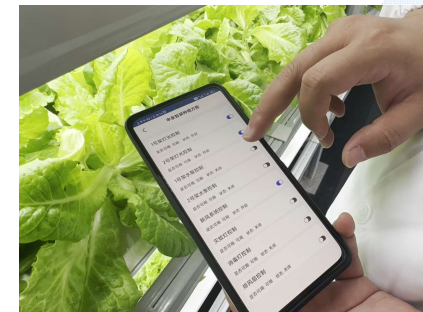
Energy storage system



Vegetable cultivation



Mushroom cultivation



Intelligent system



## Innovation Agricultural





A composite image showing the Earth in the upper half and the Moon in the lower half, set against a black background filled with stars. The Earth is a vibrant blue and green sphere with white clouds, showing the Americas. The Moon is a grey, cratered sphere. The text is overlaid on this image.

**We have a dream:**

**In the future, during the construction of interstellar  
migration bases, Senta will bring Solar PV Container  
Systems to make an excellent contribution!**





# Reliable & Efficient from SENTA!

Innovate, Talented, Reliable, Efficient!



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