

The logo for Hounen Solar, featuring the company name in a bold, red, sans-serif font. The background of the entire slide is a dark red, semi-transparent overlay on a photograph of a solar panel manufacturing process, showing a solar cell being processed on a conveyor belt with various mechanical components and wiring visible.

**Hounen Solar**

# Hounen Solar America Inc. 2024

[www.hounensolar.com](http://www.hounensolar.com)

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**HounenSolar**

# **1** PART

## About Hounen

PART ONE





## Company Culture

**Integrity**

**Innovation**

**Win-Win  
Cooperation**

## Company Vision

**To become a Tier 1  
solar brand in the  
U.S. market**

## Company Mission

**To provide the most  
reliable and advanced  
solar products for our  
U.S. customers by  
creating a true U.S.  
based supply chain**



# **HounenSolar**

**Hounen Solar America Inc., founded in 2022 and located at 145 Millennium Road, Orangeburg, South Carolina, has emerged as a prominent manufacturer of photovoltaic solar panels in the United States.**

**With an investment of \$33 million and a facility spanning 200,720 square feet, the company is dedicated to achieving an annual production capacity of 1 gigawatt by the end of 2024.**

**Hounen Solar America Inc. aspires to be a top-tier industry supplier, championing the cause of green energy to foster a sustainable future.**

# ■ Key Milestones

**HoumenSolar**

**January 2019**

Sales company was established in Chino, California, USA.

**August 2023**

The South Carolina factory in the U.S. obtained three certifications, including ISO9001, ISO14001, and ISO45001.

**March 2024**

The South Carolina factory passed the on-site audits conducted by CSA key customers.

**November 2022**

1GW module factory was established in Orangeburg, South Carolina, USA.

**September 2023**

Successful trial production of the first batch of modules in South Carolina.



# Orangeburg, South Carolina Factory

HounerSolar

On November 22nd, 2022, Houner Solar America Inc. was established at 145 Millennium Road in Orangeburg, South Carolina.

Total investment in Phase I

**33 Million**

US dollars

Factory area

**200,720**

Square feet

Production capacity in 2024

**1 GW**

Planned annual production capacity would reach to

**3 GW**

Number of Employees

**300**

Number of Production Lines

**2**

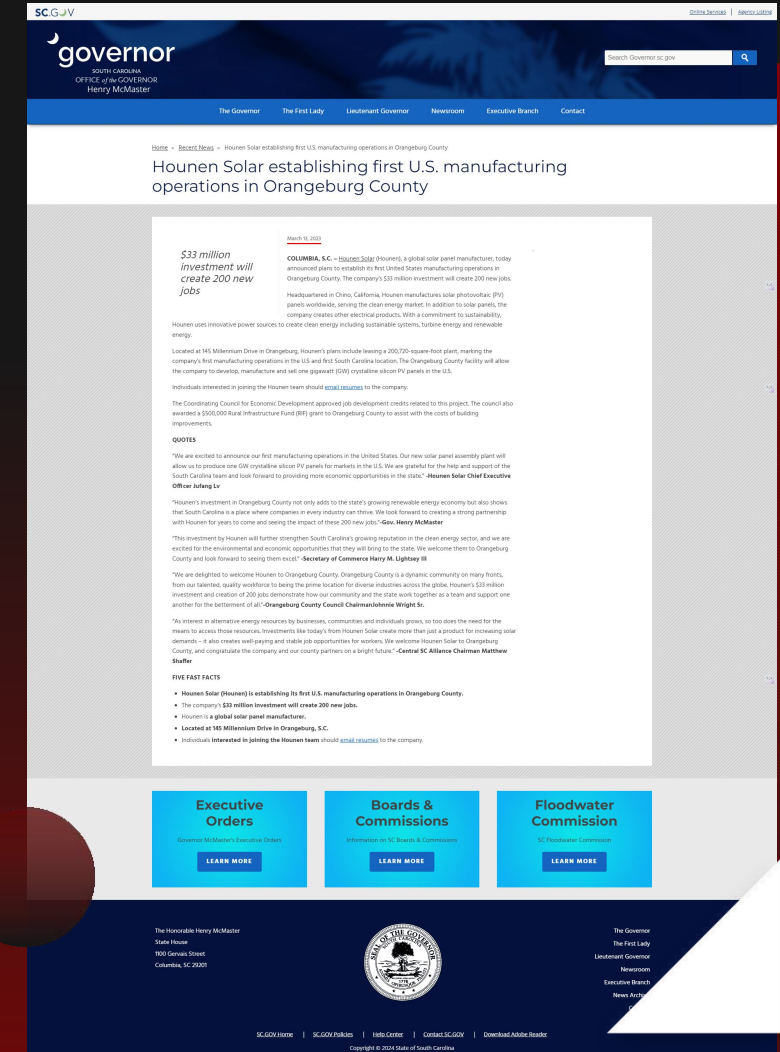
# Quotes

“We look forward to creating a strong partnership with Hounen for years to come and seeing the impact of these 200 new jobs.”  
---- Gov. Henry McMaster

“This investment by Hounen will further strengthen South Carolina’s growing reputation in the clean energy sector.”  
----Secretary of Commerce Harry M. Lightsey III

“Hounen’s \$33 million investment and creation of 200 jobs demonstrate how our community and the state work together as a team and support one another for the betterment of all.”  
---- Orangeburg County Council Chairman Johnnie Wright Sr.

HounenSolar





# 2 PART

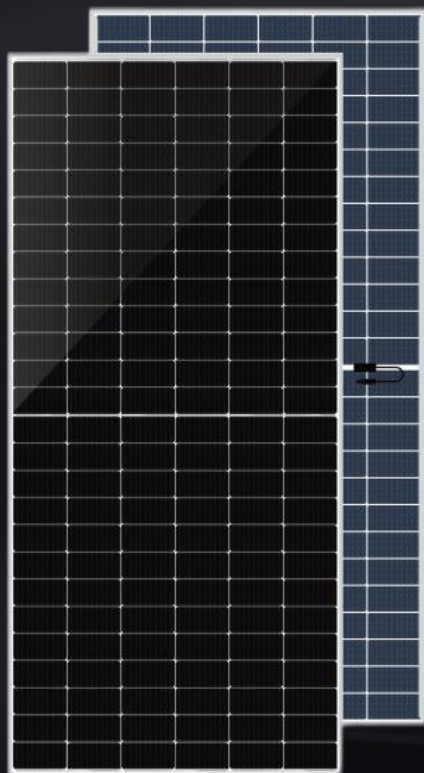
## Products

PART TWO



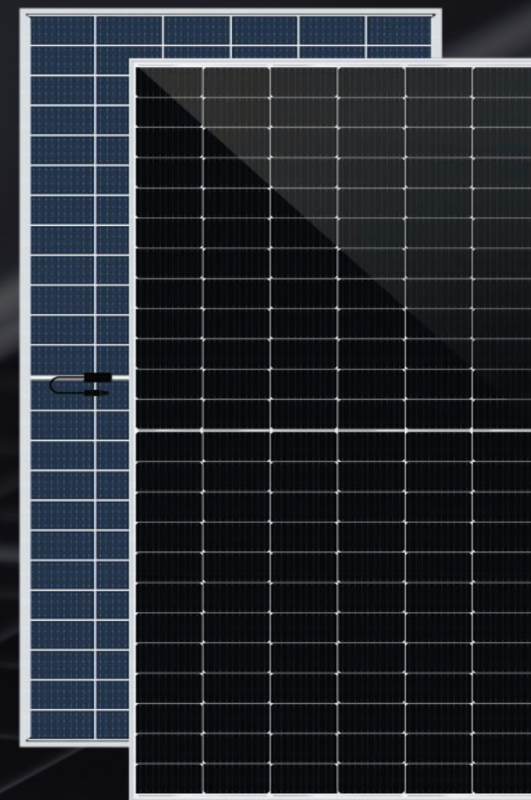
# ■ Monocrystalline P - Type, PV Solar Modules

**HouenSolar**



**610 W**

**HNM7-SHDB156 SERIES**



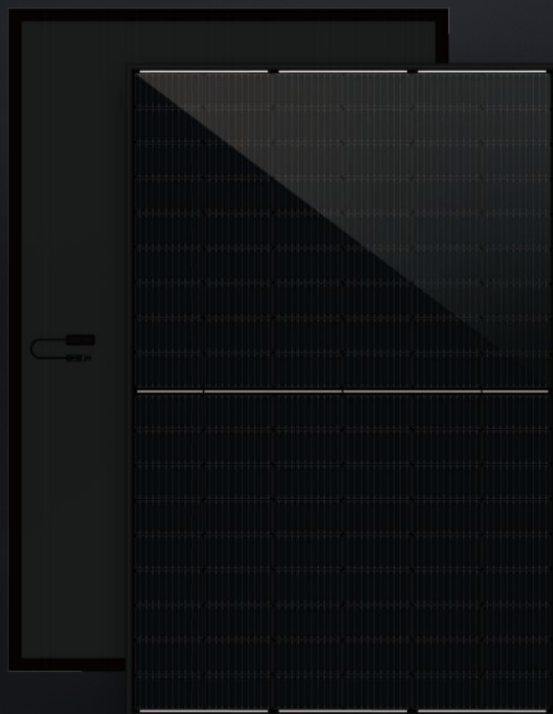
**550 W**

**HNM7-SHDB144 SERIES**



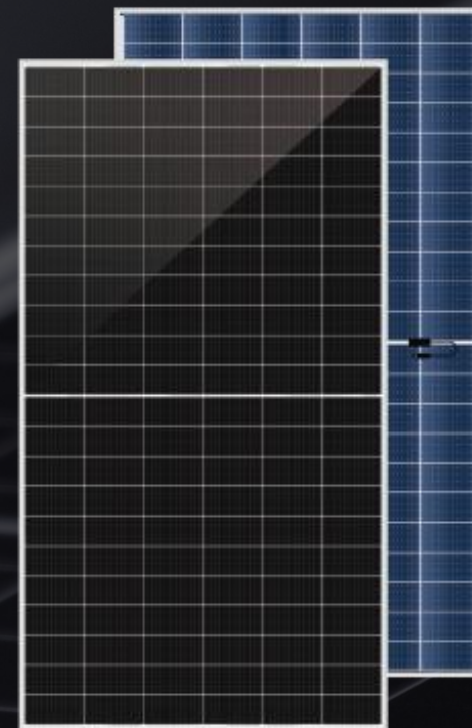
# ■ Monocrystalline P - Type, PV Solar Modules

**HouenSolar**



**420 W**

**HNM7-SHLD108 SERIES**



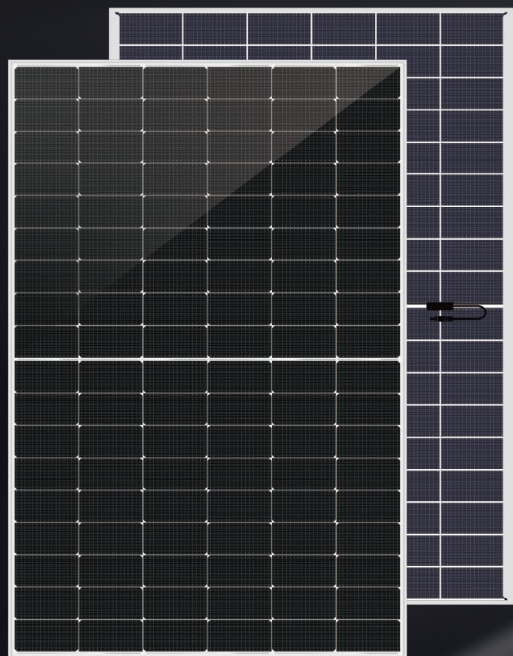
**670 W**

**HNM8-THLDD132 SERIES**



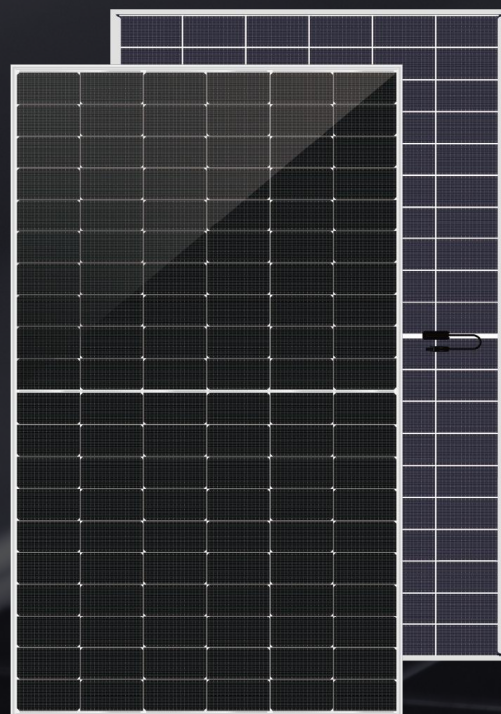
# ■ Monocrystalline N - Type, PV Solar Modules

**HouenSolar**



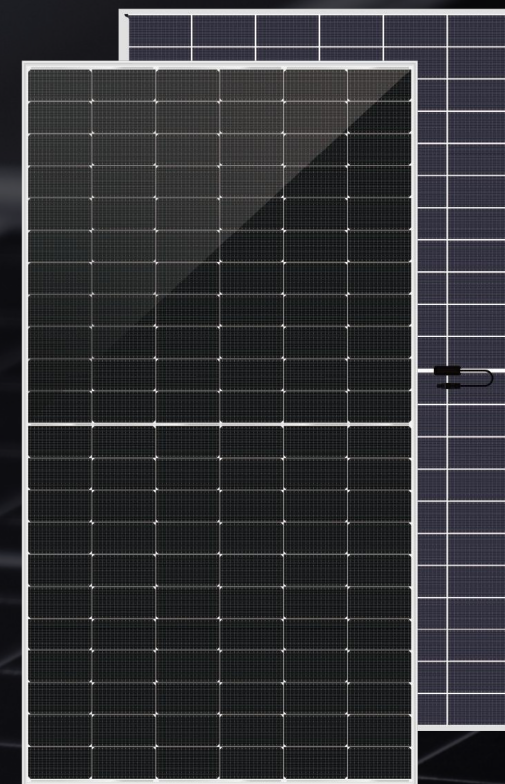
**415-435W**

HNM7-UHLDD108 Series



**470-490W**

HNM7-UHLDD120 Series



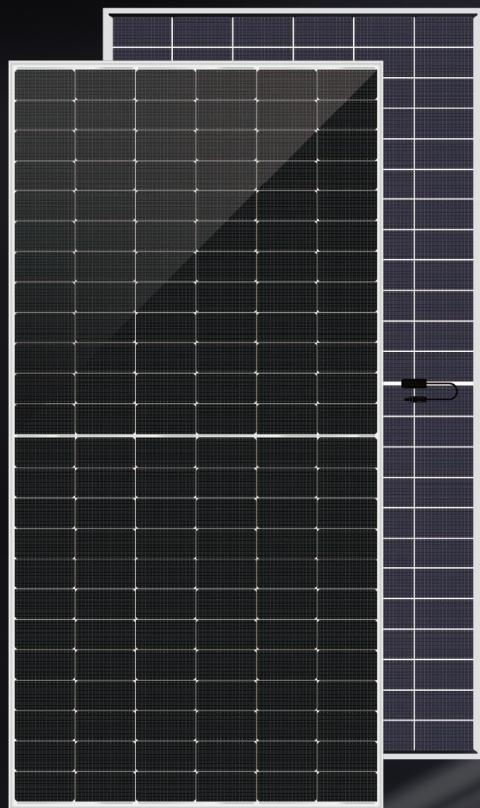
**515-535W**

HNM7-UHLDD132 Series



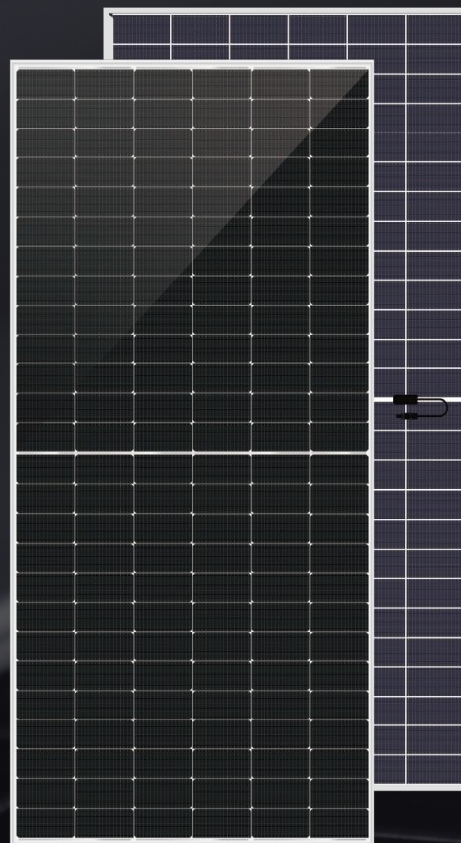
# ■ Monocrystalline N - Type, PV Solar Modules

**HounenSolar**



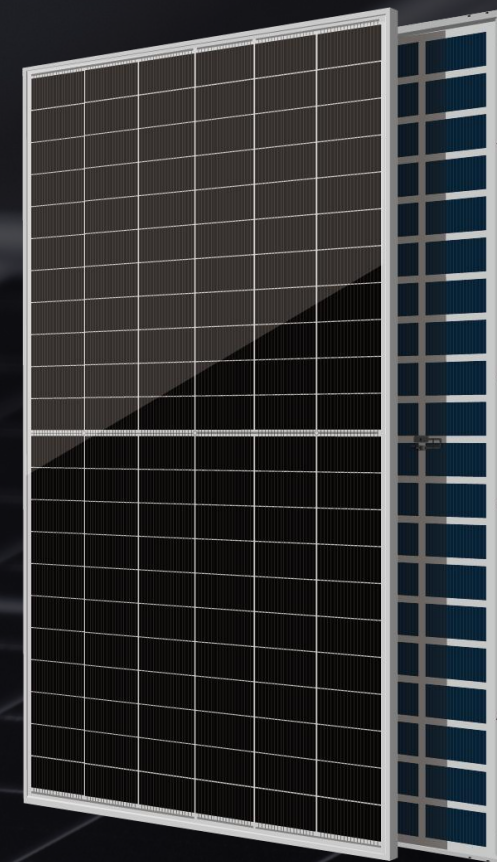
**565-585W**

HNM7-UHLDD144 Series



**610-630W**

HNM7-UHLDD156 Series



**705-725W**

HNM8-UHLDD132 Series

## ■ Domestic Project References

**HouenSolar**



**58 MW**  
California



**35 MW**  
New Jersey



**28 MW**  
Texas



**50 MW**  
Alaska



# 3 PART

## Advantages

PART THREE



# ■ Assembled in the U.S.A.

**HounenSolar**



Process improvement driven by R&D



Intensive technical training




Ongoing automation initiative



Thorough management process

# Product Certifications

HounenSolar



### Certificate of Compliance

**Certificate:** 80167581


**Project:** 80206294

**Issued to:** Hounen Solar America Inc.  
145 Millennium Dr.  
Orangeburg, South Carolina, 29115  
United States

**Master Contract:** 303892

**Date Issued:** 2024-05-24

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** Qiang (Sean) Jiang  
Qiang (Sean) Jiang

**PRODUCTS**

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels  
CLASS 5311 90 - POWER SUPPLIES - Photovoltaic Modules and Panels - Certified to U.S. Standards

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SPDB156-xxxM (xxx=560-610 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SHDB156-xxxM (xxx=560-610 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SPDB144-xxxM (xxx=520-560 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SHDB144-xxxM (xxx=520-560 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SPDB132-xxxM (xxx=475-515 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SHDB132-xxxM (xxx=475-515 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SPDB120-xxxM (xxx=435-470 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SHDB120-xxxM (xxx=435-470 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SPDB108-xxxM (xxx=390-420 in steps of 5), Fuse rating 30A.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: HNM7-SHDB108-xxxM (xxx=390-420 in steps of 5), Fuse rating 30A.

DDO 507 Rev. 2019-04-30

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**CERTIFICATE**  
No. Z2 124844 0001 Rev. 00

**Holder of Certificate:** HOUNEN SOLAR AMERICA INC  
145 Millennium Dr  
Orangeburg SC 29115  
USA

**Certification Mark:** 

**Product:** Crystalline Silicon Terrestrial Photovoltaic (PV) Modules  
Mono-crystalline Silicon Photovoltaic module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TUV SUD Group have to be complied. For details see: [www.tuvsud.com/jps-cert](http://www.tuvsud.com/jps-cert)

**Test report no.:** 7040623100001-00

**Valid until:** 2029-02-05

**Date,** 2024-02-07   
( Zhuolin Zhang )

**ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFIKAT • CERTIFICATE**

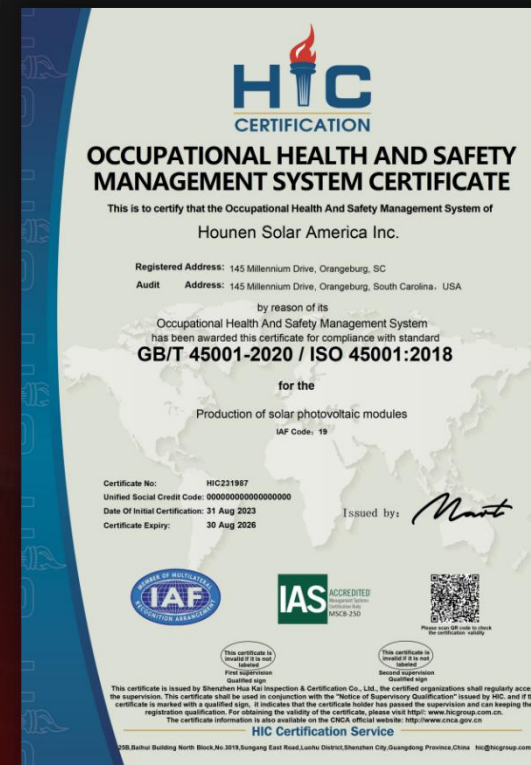
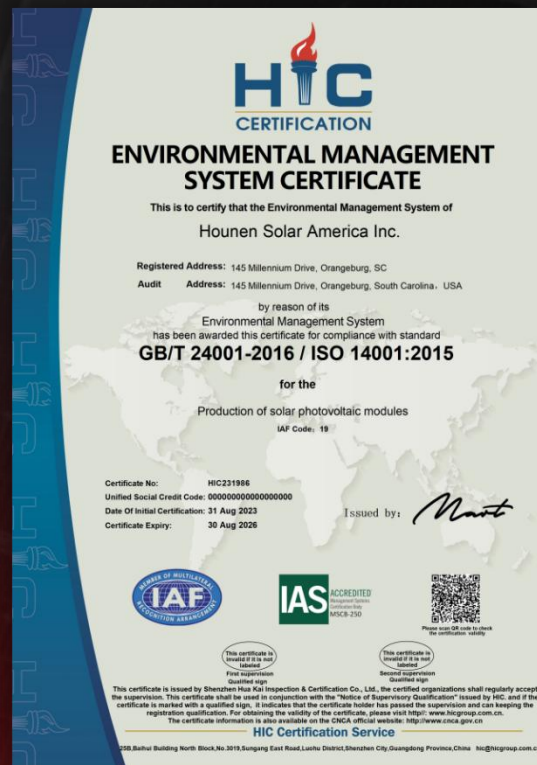
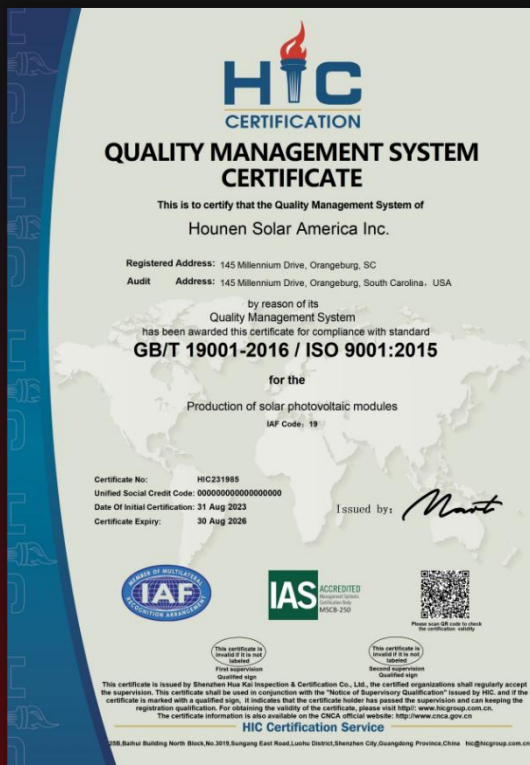
Page 1 of 2  
TUV SUD Product Service GmbH • Certification Body • Ridenstraße 65 • 80339 Munich • Germany





# Factory ISO Certifications

HounenSolar





# Fast Delivery & Reliable Logistics

**HoumenSolar**

**With South Carolina factory and California warehouse in the U.S., we can ensure timely delivery to meet your needs.**

**Flexible domestic logistic capability**

- ship from both coasts
- time efficient solutions

**Sufficient storage space**

- 20,000 sqf

**On-site office staffs**

- easily accessible assistance

## Chino Hills, California Warehouse



**Warehouse address: 14450 Central Ave, Chino, CA 91710**



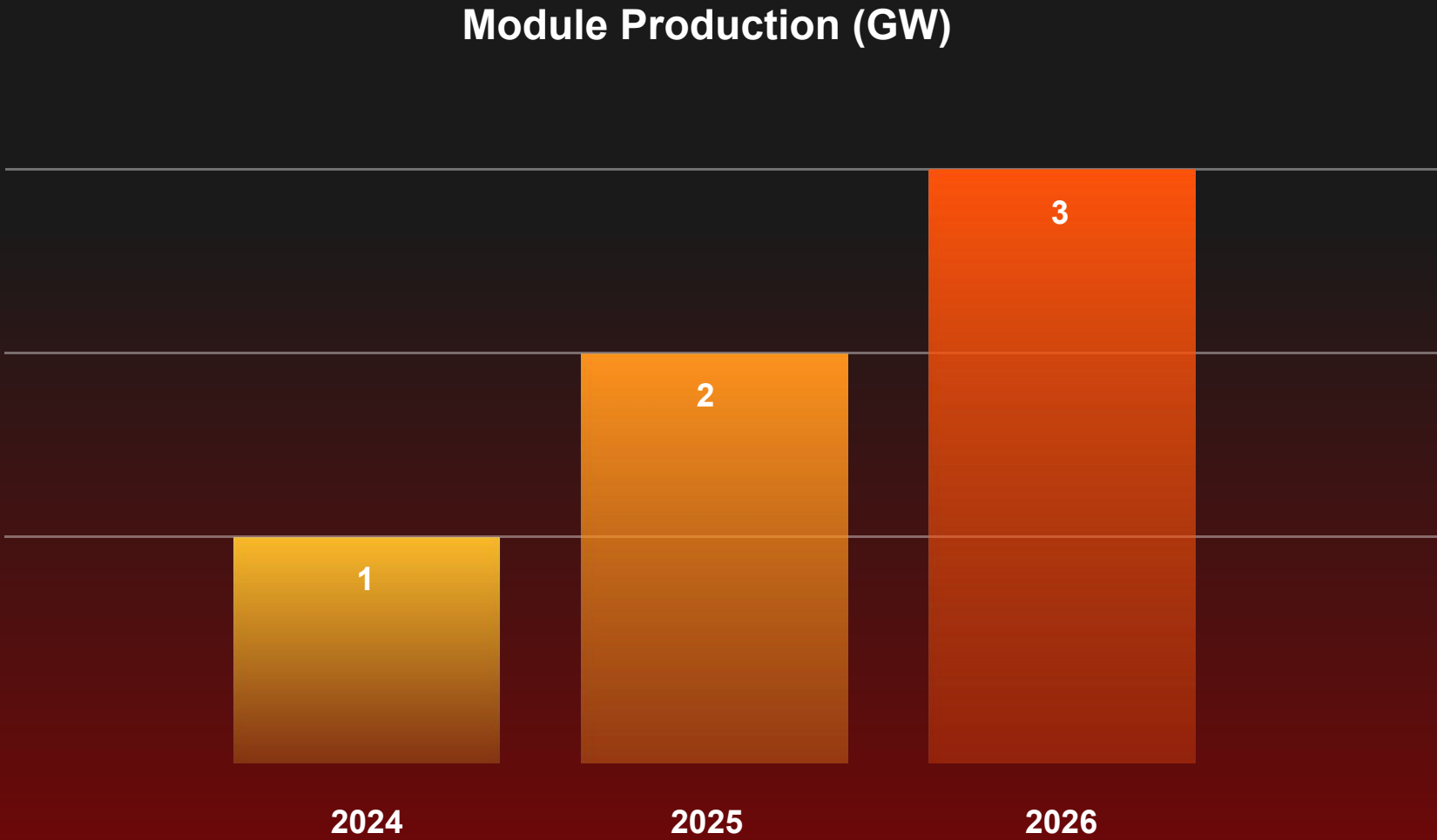


# Part 4 Plans

PART FOUR



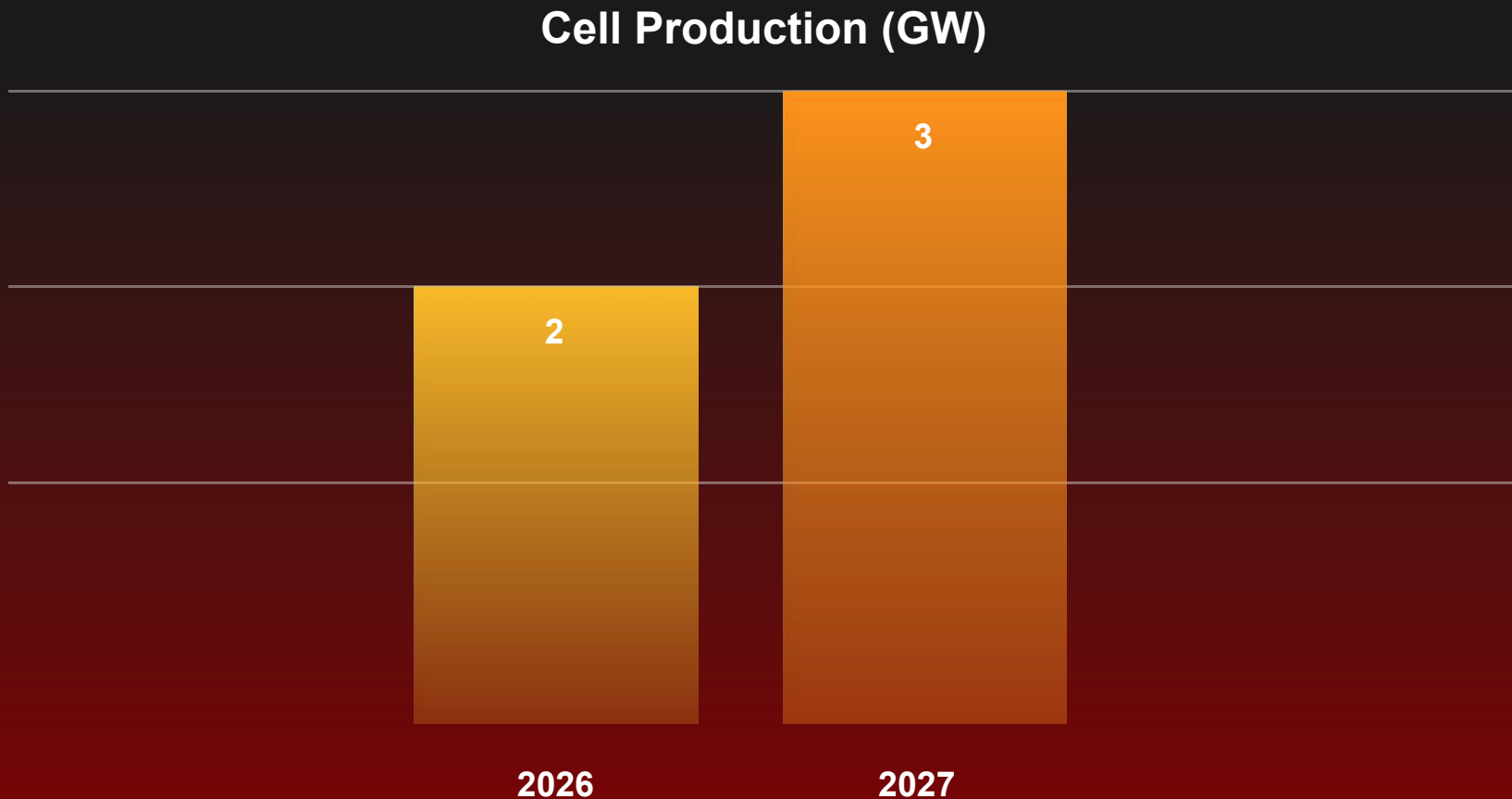






## ■ Challenges & Future Plans

**We plan to produce cells domestically to achieve the goal of increasing domestic content % and thus obtain U.S. Domestic Content Bonus Credit:**



# Future Plans - Areas of Opportunities

**HounenSolar**

As we are enhancing the production capacities of both PV modules and cells, we are simultaneously exploring additional opportunities and devising strategies to forge a more promising future for Hounen.



## Joint Lab with Hytekocean

Dedicate to advancing the field of hydrogen energy, with a focus on the production and application of hydrogen power.



## Energy Storage

Offer cutting-edge energy storage solutions and delve into the integration of photovoltaic systems with energy storage technologies.



## Lightweight Modules

Expand the application scope of solar modules to meet the needs of project with low load bearing capacity.



## ■ Hounen& Sustainability

Hounen commits to solar energy to provide sustainable solutions and minimize environmental life cycle impacts by achieving the following goals:

- ensuring energy security
- mitigating climate change

HounenSolar





A group of seven employees of Hounen Solar are standing in a warehouse. They are all giving thumbs up. The employees are wearing red polo shirts with the Hounen Solar logo, except for one man in the center who is wearing a light blue polo shirt. They are also wearing safety glasses and hard hats. The background shows warehouse shelving and boxes.

# Hounen Solar

## Contact Us

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Web: [www.hounensolar.com](http://www.hounensolar.com)

Email: [info@hounensolar.com](mailto:info@hounensolar.com)