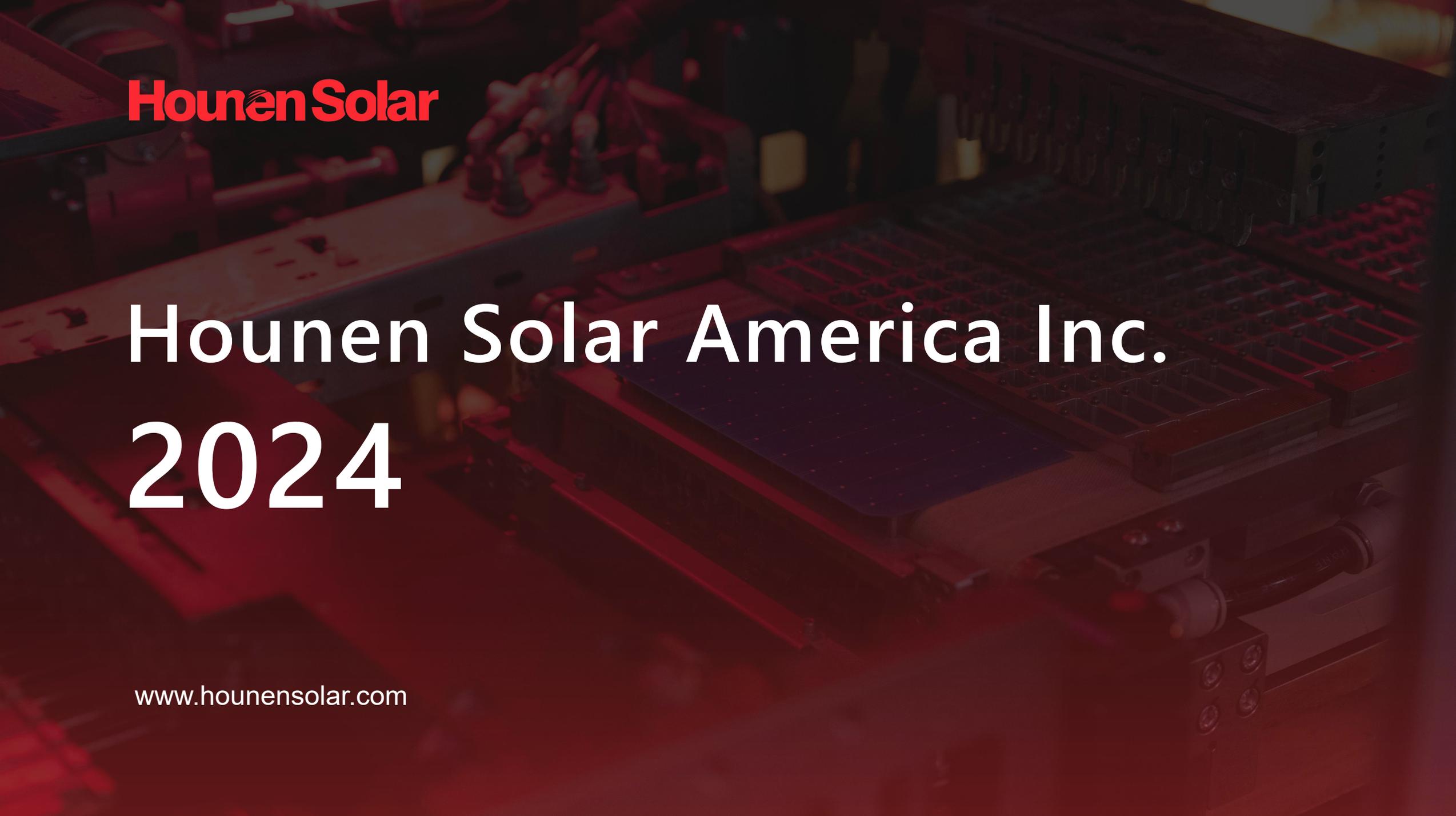




HounenSolar



Hounen Solar America Inc.
2024

www.hounensolar.com

Contents

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About Hounen

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Products

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Advantages

4

Plans



PART 1

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



Orangeburg, South Carolina Factory

HounerSolar

On November 22nd, 2022, Hounen 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

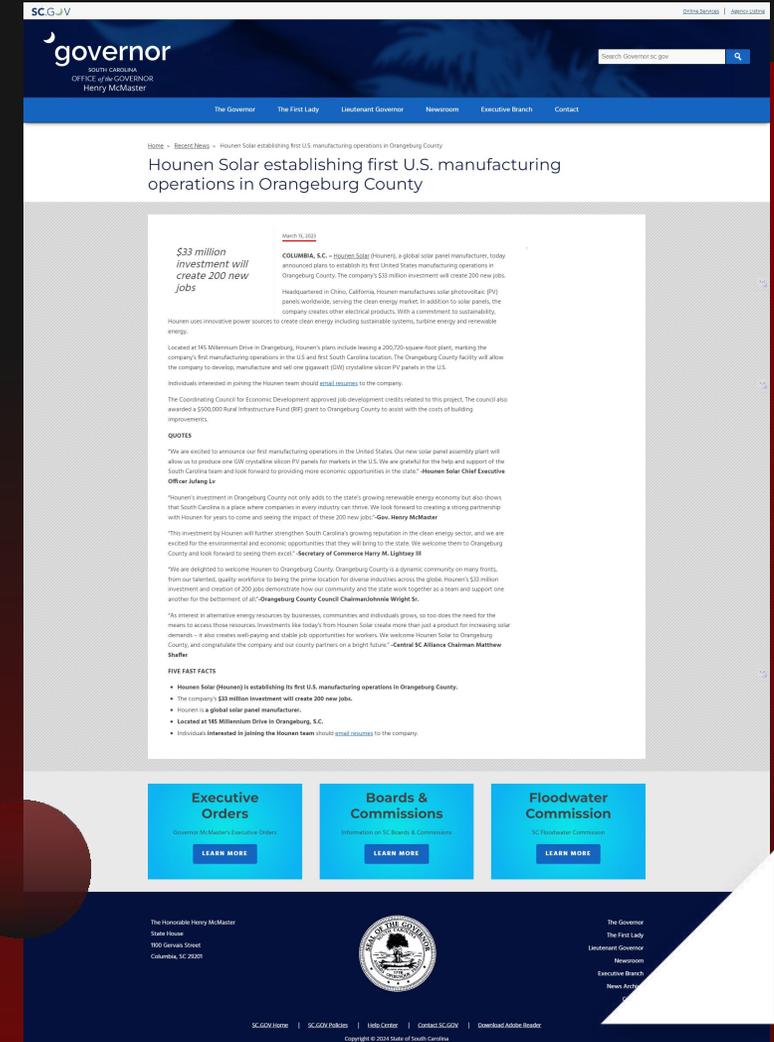
2

Quotes

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

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

“Houren’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.

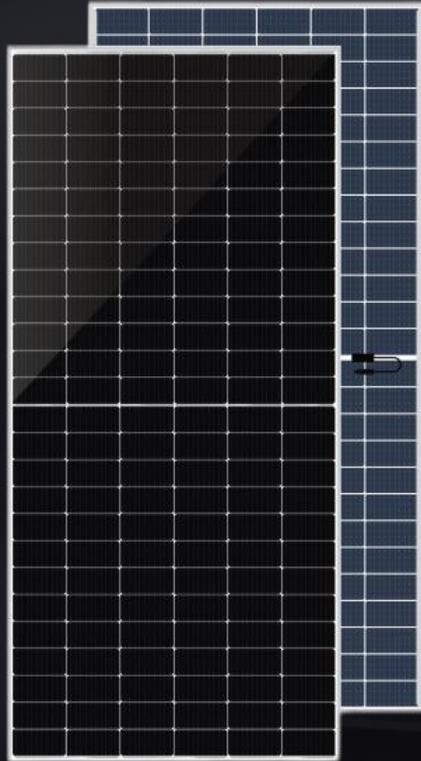


2 PART
Products
PART TWO



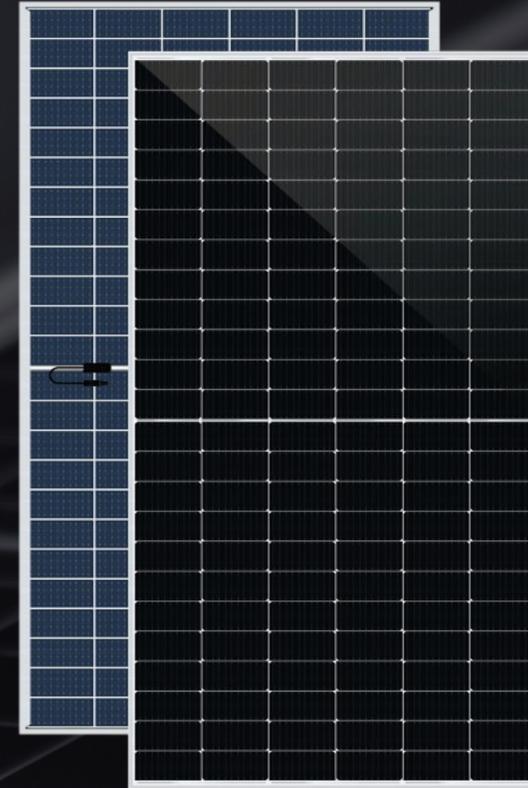
Monocrystalline P - Type, PV Solar Modules

HouenSolar



610 W

HNM7-SHDB156 SERIES

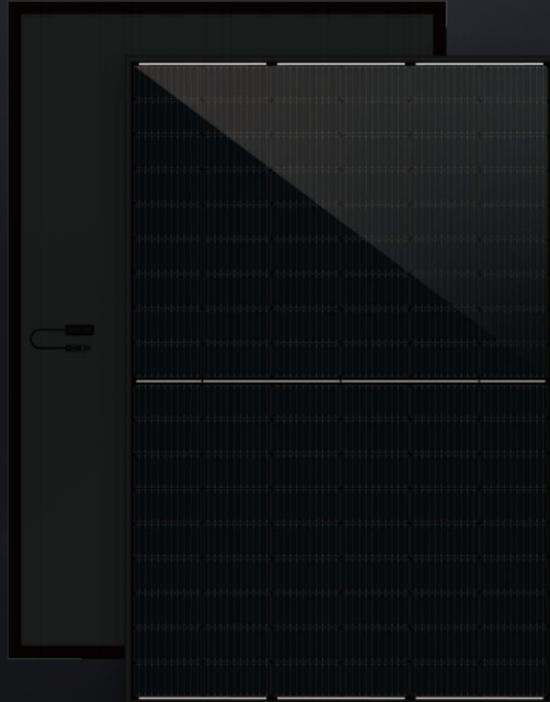


550 W

HNM7-SHDB144 SERIES

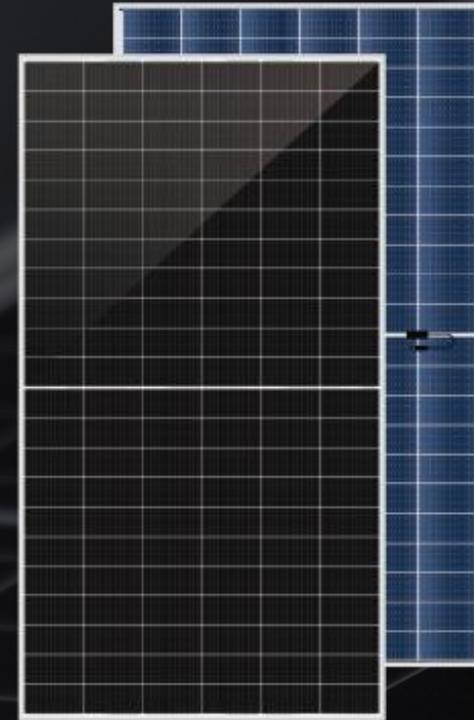
Monocrystalline P - Type, PV Solar Modules

HouenSolar



420 W

HNM7-SHLD108 SERIES

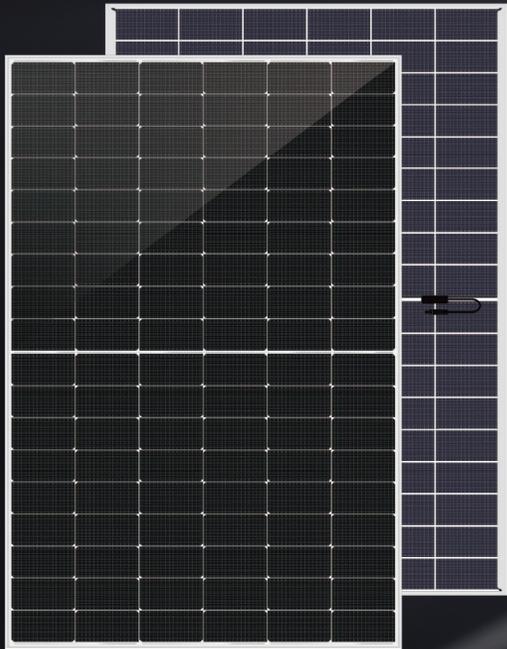


670 W

HNM8-THLDD132 SERIES

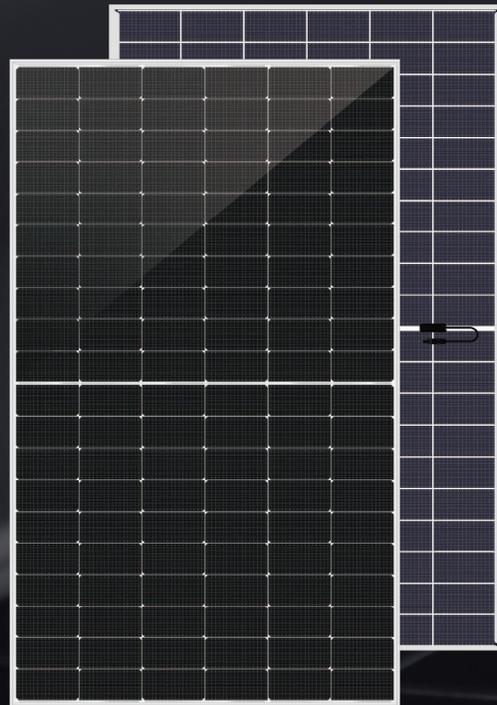
Monocrystalline N - Type, PV Solar Modules

HounerSolar



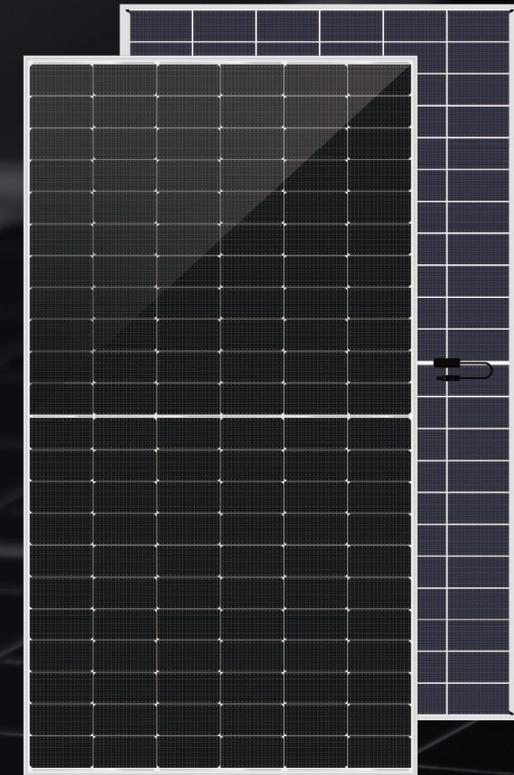
415-435W

HNM7-UHLDD108 Series



470-490W

HNM7-UHLDD120 Series

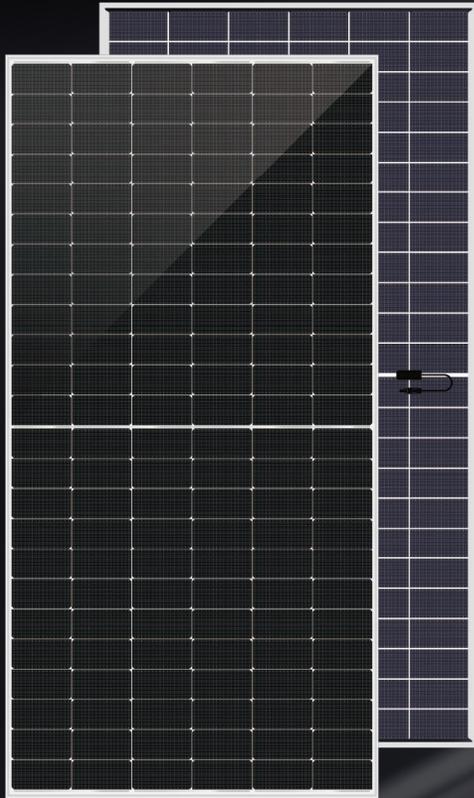


515-535W

HNM7-UHLDD132 Series

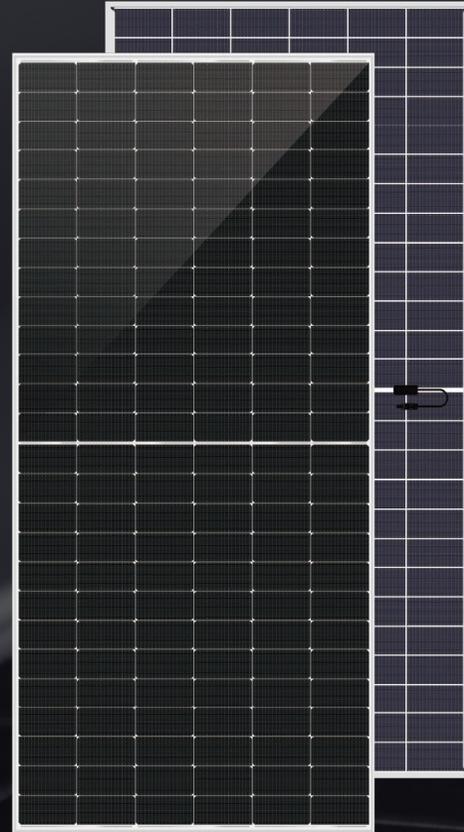
Monocrystalline N - Type, PV Solar Modules

HouenSolar



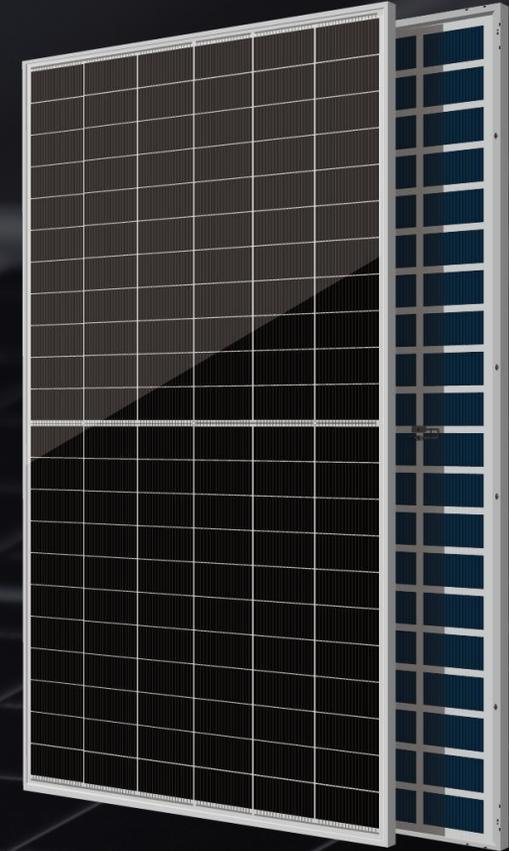
565-585W

HNM7-UHLDD144 Series



610-630W

HNM7-UHLDD156 Series



705-725W

HNM8-UHLDD132 Series

Domestic Project References



58 MW
California



35 MW
New Jersey



28 MW
Texas



50 MW
Alaska



BART
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



Certificate of Compliance

Certificate: 80167581 **Master Contract:** 303892
Project: 80206294 **Date Issued:** 2024-05-24

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

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.

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CERTIFICATE

No. Z2 124844 0001 Rev. 00

Holder of Certificate: HOUEN 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

Test report no.: 7040623100001-00
Valid until: 2029-02-05

Date: 2024-02-07

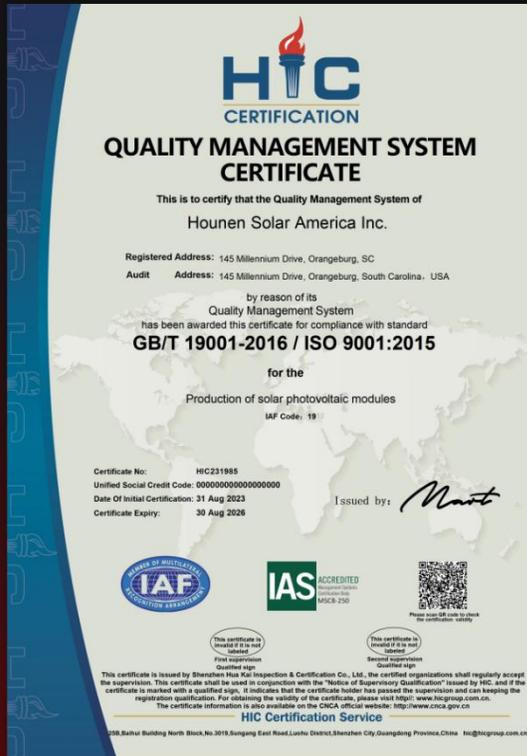
(ZhuLin Zhang)

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

ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT ◆ СЕРТИФИКАТ ◆ 認證證書

Factory ISO Certifications

HourenSolar



HIC CERTIFICATION
QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the Quality Management System of
Houren Solar America Inc.

Registered Address: 145 Millennium Drive, Orangeburg, SC
Audit Address: 145 Millennium Drive, Orangeburg, South Carolina, USA

by reason of its
Quality Management System
has been awarded this certificate for compliance with standard
GB/T 19001-2016 / ISO 9001:2015

for the
Production of solar photovoltaic modules
IAF Code: 19

Certificate No: HIC231985
Unified Social Credit Code: 000000000000000000
Date Of Initial Certification: 31 Aug 2023
Certificate Expiry: 30 Aug 2026

Issued by: *Mant*

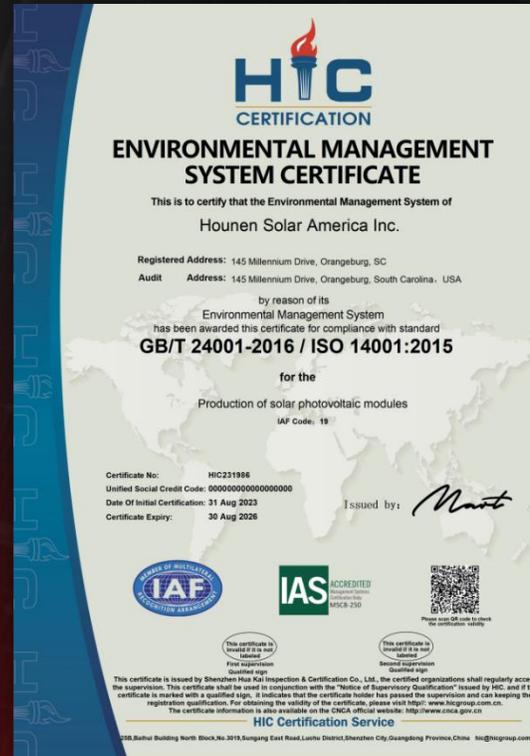
IAF ACCREDITED
Management System
ISO 9001:2015

IAS ACCREDITED
Management System
MSC 250

This certificate is awarded if a top level First supervisor Qualified sign
This certificate is awarded if a top level Second supervisor Qualified sign

This certificate is issued by Shenzhen Hua Kai Inspection & Certification Co., Ltd., the certified organizations shall regularly accept the supervision. This certificate shall be used in conjunction with the "Notice of Supervisory Qualification" issued by HIC, and if the certificate is marked with a qualified sign, it indicates that the certificate holder has passed the supervision and can keep the registration qualification. For obtaining the validity of the certificate, please visit <http://www.hicgroup.com.cn>. The certificate information is also available on the CNCA official website: <http://www.cnca.gov.cn>

HIC Certification Service
258, Bahui Building North Block, No.3019, Sungenq East Road, Luohu District, Shenzhen City, Guangdong Province, China. hc@hicgroup.com.cn



HIC CERTIFICATION
ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the Environmental Management System of
Houren Solar America Inc.

Registered Address: 145 Millennium Drive, Orangeburg, SC
Audit Address: 145 Millennium Drive, Orangeburg, South Carolina, USA

by reason of its
Environmental Management System
has been awarded this certificate for compliance with standard
GB/T 24001-2016 / ISO 14001:2015

for the
Production of solar photovoltaic modules
IAF Code: 19

Certificate No: HIC231986
Unified Social Credit Code: 000000000000000000
Date Of Initial Certification: 31 Aug 2023
Certificate Expiry: 30 Aug 2026

Issued by: *Mant*

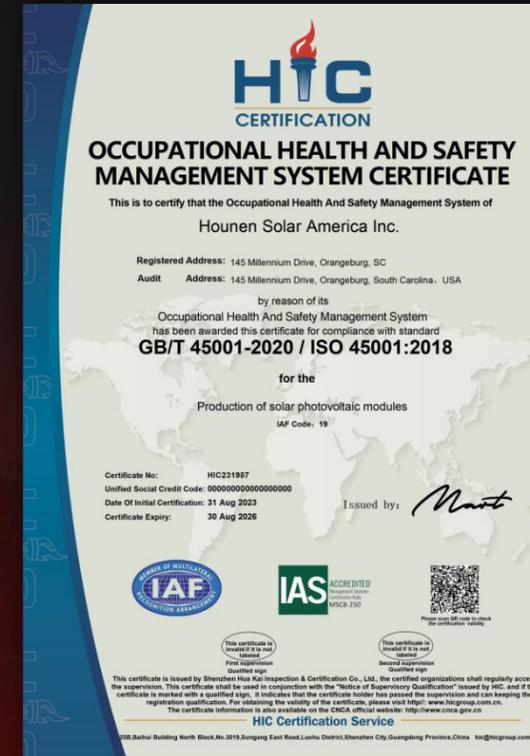
IAF ACCREDITED
Management System
ISO 14001:2015

IAS ACCREDITED
Management System
MSC 250

This certificate is awarded if a top level First supervisor Qualified sign
This certificate is awarded if a top level Second supervisor Qualified sign

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HIC Certification Service
258, Bahui Building North Block, No.3019, Sungenq East Road, Luohu District, Shenzhen City, Guangdong Province, China. hc@hicgroup.com.cn



HIC CERTIFICATION
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the Occupational Health And Safety Management System of
Houren Solar America Inc.

Registered Address: 145 Millennium Drive, Orangeburg, SC
Audit Address: 145 Millennium Drive, Orangeburg, South Carolina, USA

by reason of its
Occupational Health And Safety Management System
has been awarded this certificate for compliance with standard
GB/T 45001-2020 / ISO 45001:2018

for the
Production of solar photovoltaic modules
IAF Code: 19

Certificate No: HIC231987
Unified Social Credit Code: 000000000000000000
Date Of Initial Certification: 31 Aug 2023
Certificate Expiry: 30 Aug 2026

Issued by: *Mant*

IAF ACCREDITED
Management System
ISO 45001:2018

IAS ACCREDITED
Management System
MSC 250

This certificate is awarded if a top level First supervisor Qualified sign
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HIC Certification Service
258, Bahui Building North Block, No.3019, Sungenq East Road, Luohu District, Shenzhen City, Guangdong Province, China. hc@hicgroup.com.cn

Fast Delivery & Reliable Logistics

HouenSolar

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



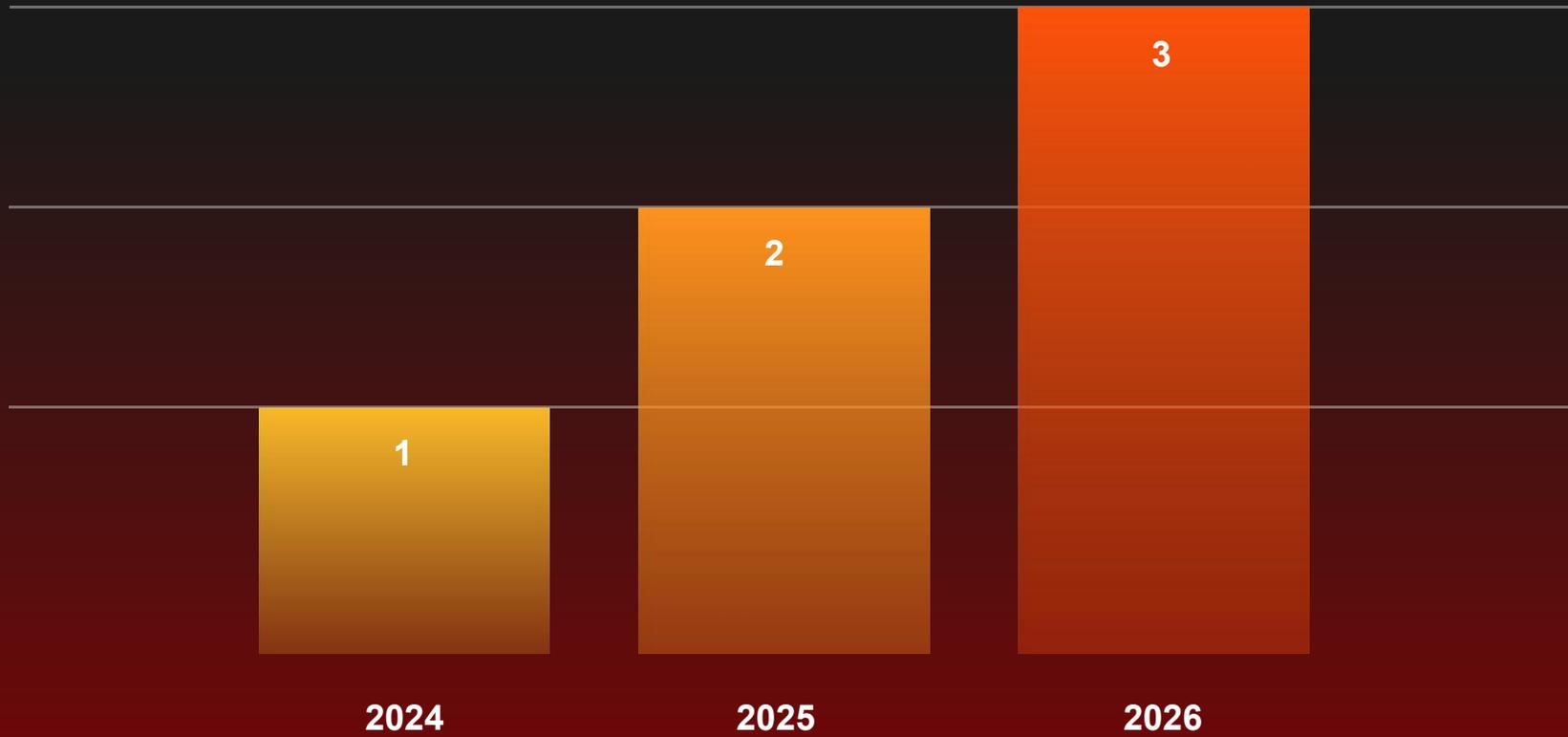
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DRP
4 Plans
PART FOUR

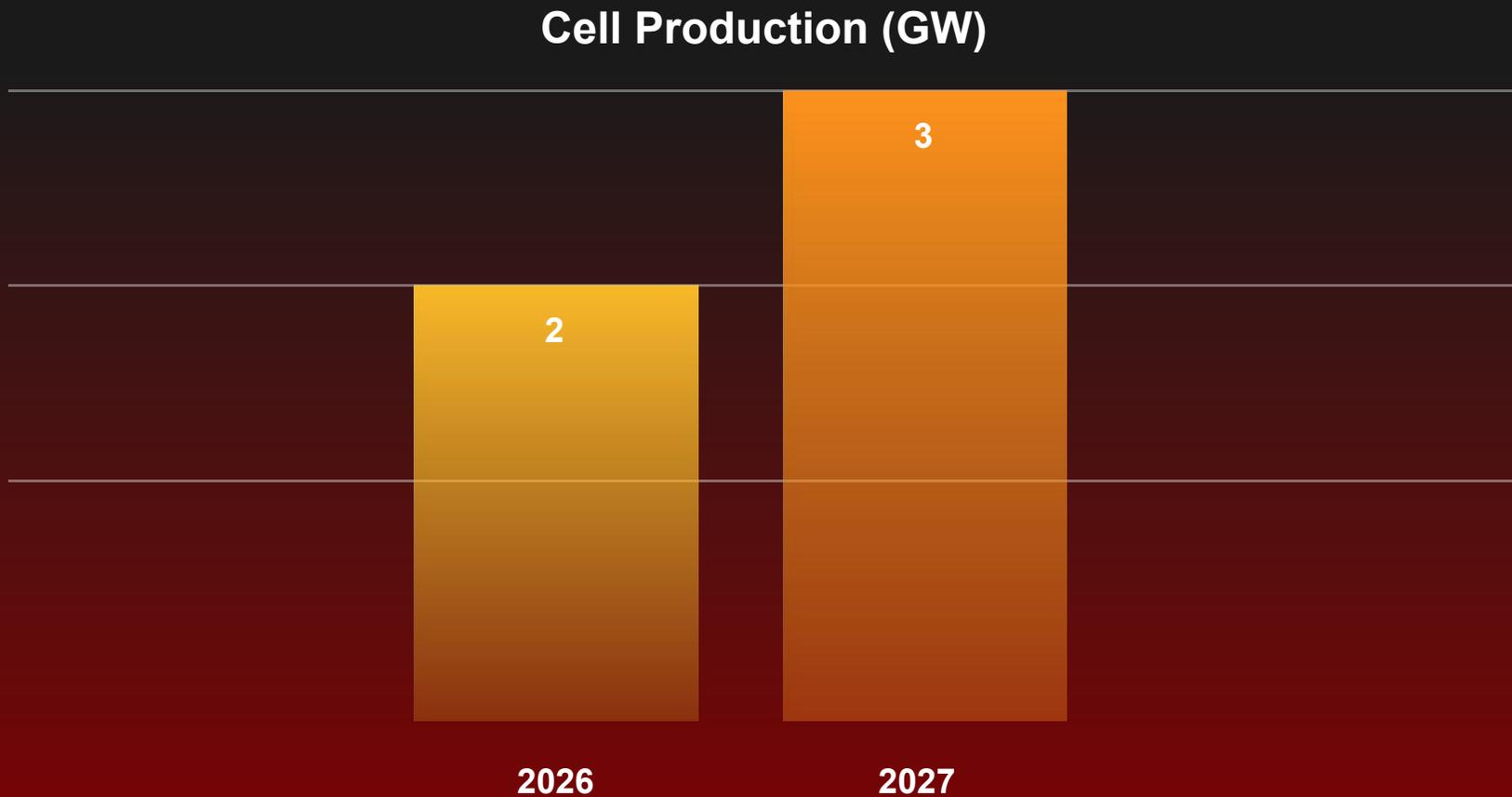


Module Production (GW)



■ 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

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 Houen.



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



HoumenSolar

Contact Us

HOUNEN SOLAR AMERICA INC.

Add: 145 Millennium Drive, Orangeburg, South Carolina 29115

Tel: 855-HOUNEN5

Web: www.hounensolar.com

Email: info@hounensolar.com