



Tainergy Report -2025

2025年12月23日

免責聲明及保密規定 Safe Harbor Notice

- The information provided in this presentation contains forward-looking statements. This forward-looking statement will be affected by risks, uncertainties and inferences, some beyond our control, and actual results may differ materially from these forward-looking statements. As a result of this risk, uncertainty and inference, the forward-looking events and circumstances may not be as complete or partial as we expect 。
- All information provided in this presentation is based on inferences from the Company and does not guarantee its correctness, completeness or reliability, and assumes no responsibility for updating or revising the contents of this presentation 。
- The information provided in this presentation does not represent a complete presentation of the Company, the state of the business or any material developments that follow. This newsletter and its contents may not be accessed by any third party without the written permission of the Company 。

Outline

1. Company Profile
2. Financial information
3. Products
4. Deep Discussion

Outline

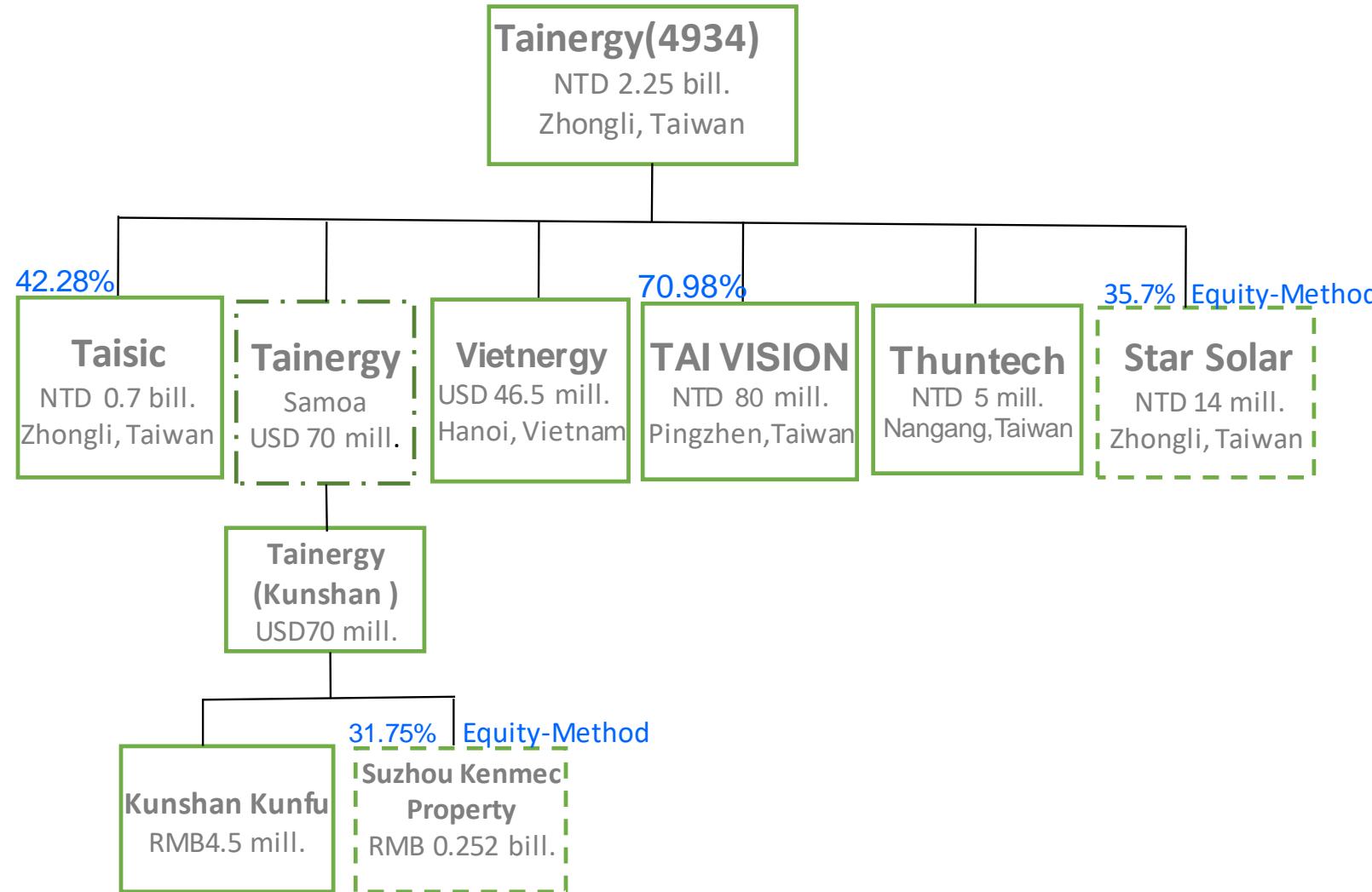
1. Company Profile

2. Financial information

3. Products

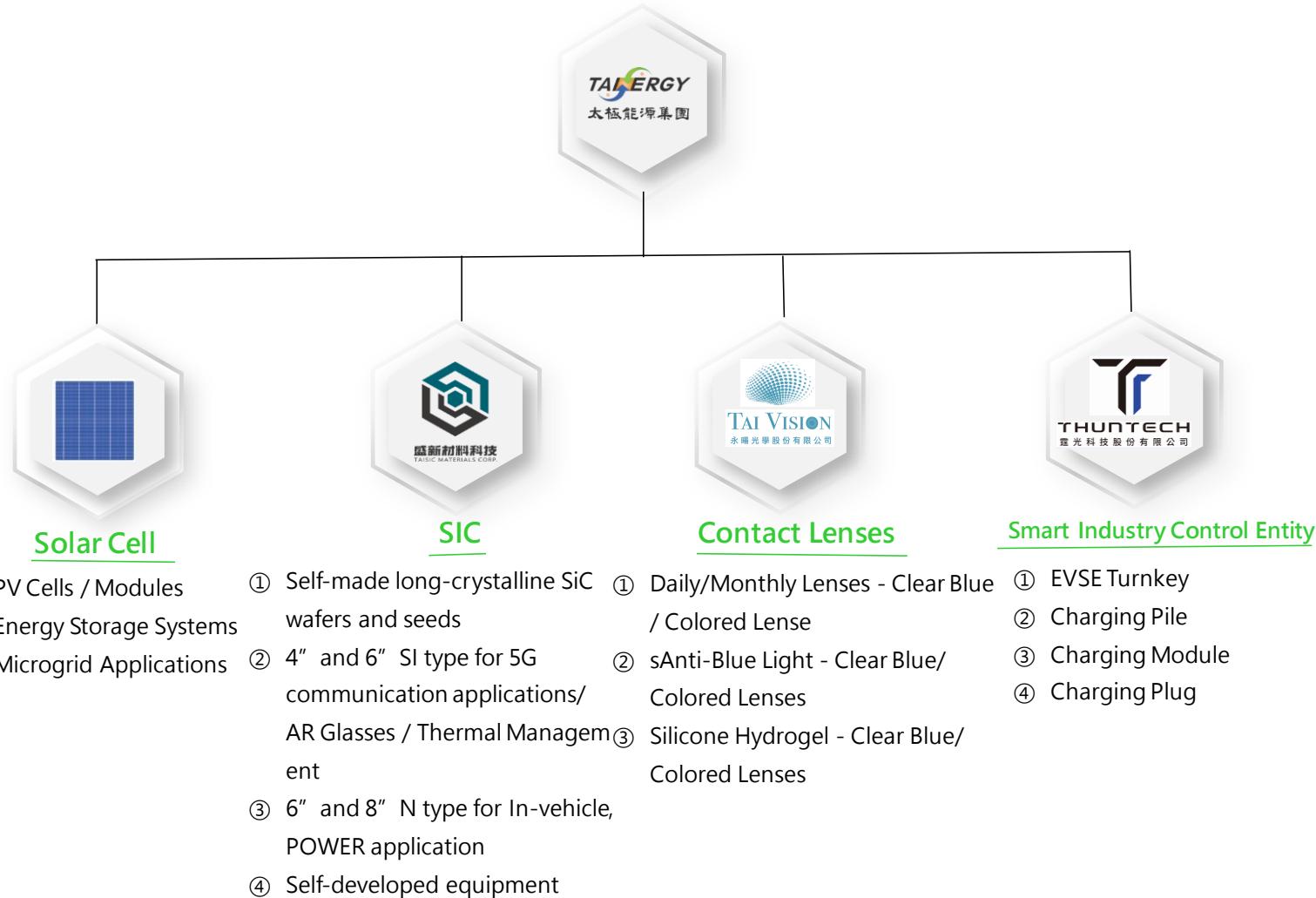
4. Deep Discussion

Investment structure



Company Profile

Tainergy Group



Company Profile -Tainergy



- ①TAINERGY TECH CO.,LTD.
- ②Founded in : 2007/5
- ③Capital : NTD 2.25 bill.
- ④President : MING-KAI, HSIEH
General Manage : YI-KUANG CHEN
- ⑤Ownership structure : Kenmec 27.17%
- ⑥Employees : About 120

Outline

1. Company Profile

2. Financial information

3. Products

4. Deep Discussion

資產負債表

單位:佰萬元

項目	2025Q3	2024Q4	2023Q3
流動資產	1,026	1,161	1,311
非流動資產	1,360	1,371	1,631
資產總額	2,385	2,531	2,942
流動負債	436	659	691
非流動負債	204	177	197
負債總額	641	837	888
股本	2,250	2,250	2,250
歸屬於母公司業主之權益	1,551	1,679	1,976
權益總額	1,745	1,694	2,054
負債及權益總計	2,385	2,531	2,942
營運資金	589	501	620
流動比	235%	176%	190%
速動比	209%	158%	170%
負債佔資產比	27%	33%	30%

Balance sheet

Unit: NT\$ million

Item	2025 Q3	2024 Q4	2023 Q3
Current Assets	1,026	1,161	1,311
Non-current Assets	1,360	1,371	1,631
Total Assets	2,385	2,531	2,942
Current Liabilities	436	659	691
Non-current Liabilities	204	177	197
Total Liabilities	641	837	888
Share Capital	2,250	2,250	2,250
Equity Attributable to Owners of the Parent	1,551	1,679	1,976
Total Equity	1,745	1,694	2,054
Total Liabilities and Equity	2,385	2,531	2,942
Working Capital	589	501	620
Current Ratio	235%	176%	190%
Quick Ratio	209%	158%	170%
Debt-to-Asset Ratio	27%	33%	30%

Income Statement

Unit: NT\$ million
EPS NT\$ dollar

Item	Total	2025 Q1	2025 Q2	2025 Q3
Operating Revenue	64	16	19	28
Operating Cost	155	42	55	58
Gross Profit (Loss)	(91)	(26)	(35)	(30)
Operating Expenses	232	83	81	68
Operating Income (Loss)	(323)	(109)	(117)	(97)
Non-operating Income and Expenses	48	10	20	18
Profit (Loss) Before Tax	(275)	(99)	(97)	(79)
Income Tax Expense (Benefit)	(0)	(0)	0	(0)
Net Profit (Loss) for the Period	(275)	(99)	(97)	(79)
Net Profit (Loss) Attributable to Owners of the Parent	(151)	(61)	(52)	(38)
EPS	(0.67)	(0.27)	(0.23)	(0.17)

Cash Flows

Unit: NT\$ million

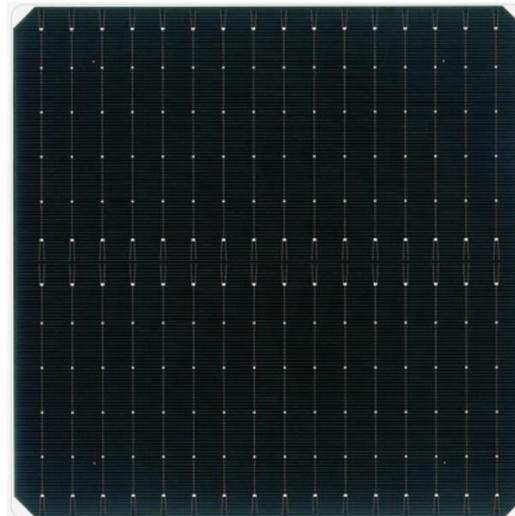
ITEM	2025 Q1-Q3	2024 Q1-Q3
cash from operating activities	(174)	(340)
cash from investing activities	(151)	28
cash from financing activities	262	(1)
others	(24)	4
net cash flow	(87)	(310)
beginning balance	550	768
ending balance	463	458

Outline

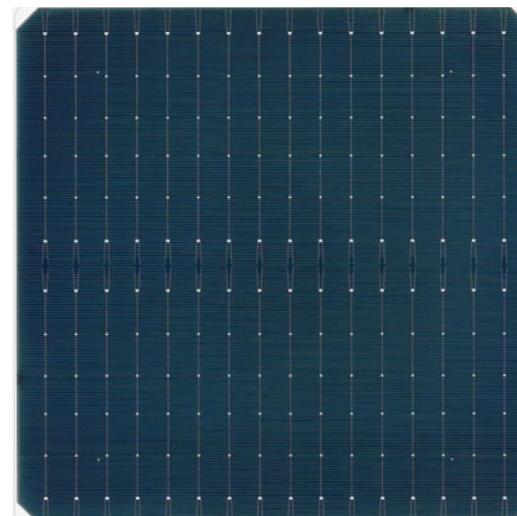
1. Company Profile
2. Financial information
3. Products
4. Deep Discussion

TAINERGY-Solar Cell

Bifacial Mono TOPCON Cells
182.2mm (M10) 10BB Half-cut

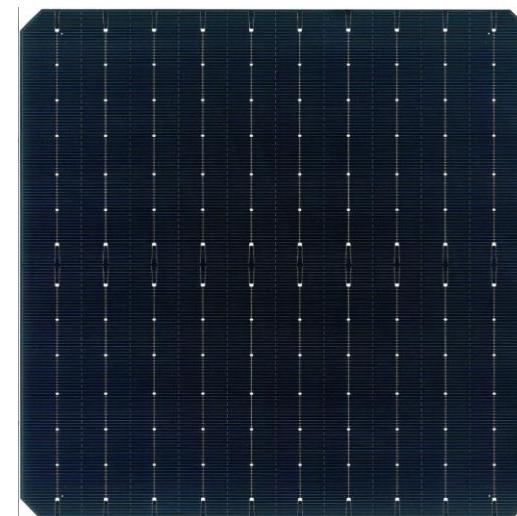


Front

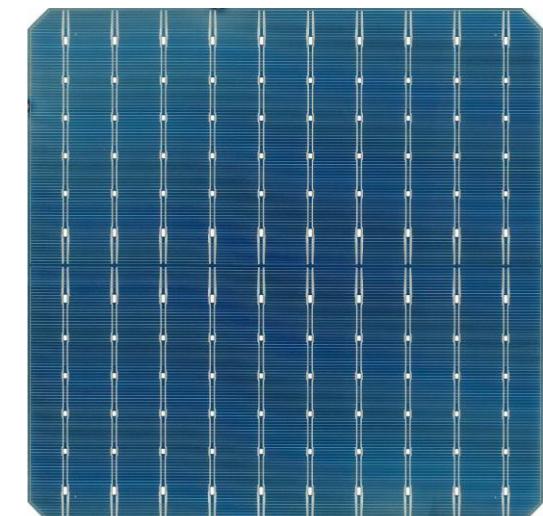


Back

Bifacial Mono PERC Cells
182.2mm (M10) 10BB Half-cut



Front



Back

TOPCon module



Power Output & Efficiency

TOPCon module power range:

440–605 W

Conversion efficiency up to **22.3% and above**; TOPCon modules are mainstream products in the market, meeting diverse application requirements.

Module Dimensions & Appearance

The modules adopt a double-glass design, with sizes of 1134 × 1722 mm and 1134 × 2278 mm. Designed to meet the needs of various customers for both rooftop and ground-mounted installations.

TAINERGY-Solar module

Bureau of Energy, Ministry of Economic Affairs, Taiwan

<https://www.tcpv.org.tw/Product>



TCPV Module Product Inquire

[Home](#) > TCPV Module Product Inquire > [TCPV Module](#)

● TCPV Module

● showing Count : [No.50](#) | [No.100](#) | [No.150](#).

 Product Classification : Registration Date : ~  

Key Words Search

License Holder  Model  Size (mm)  Pmax (W)  Expiry Date  Performance Standard Safety Standard

TAINERGY TECH CO.,
LTD.

TN-
21RDGHMN132- 2382×1134×35 625 20270526 IEC 61215-1:2016 IEC 61730-2:2016
625W

[TAINERGY TECH CO., LTD.](#)

TN-

International Listing and Stringent Testing Certification

C E R T I F I C A T E

No. Z2 083719 0001 Rev. 00



Holder of Certificate: **TAINERGY TECH CO., LTD.**
No. 5, Zigang 1st Rd., Fuxing VII.
Zhongli Dist.
320023 Taoyuan City
TAIWAN

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuv-sud.com/ps-cert

Test report no.: 701262511203-00

Valid until: 2030-03-08

Date, 2025-04-25

(Zhulin Zhang)

C E R T I F I C A T E

No. Z2 083719 0001 Rev. 00



Model(s):

TN-182BDGMN108-xxxW, xxx=410 to 440, in steps of 5,
TN-182DGHMN100-xxxW, xxx=385 to 420, in steps of 5,
TN-182DGHMN108-xxxW, xxx=415 to 455, in steps of 5,
TN-182DGHMN120-xxxW, xxx=460 to 505, in steps of 5,
TN-182DGHMN132-xxxW, xxx=515 to 555, in steps of 5,
TN-182DGHMN144-xxxW, xxx=560 to 605, in steps of 5,
TN-182DGHMN156-xxxW, xxx=605 to 655, in steps of 5,
TN-210DGHMN120-xxxW, xxx=620 to 665, in steps of 5,
TN-210DGHMN132-xxxW, xxx=635 to 730, in steps of 5,
TN-210DGHMN144-xxxW, xxx=645 to 745, in steps of 5,
TN-210DGHMN156-xxxW, xxx=655 to 755, in steps of 5,
TN-210DGHMN168-xxxW, xxx=665 to 755, in steps of 5,
TN-210DGHMN180-xxxW, xxx=680 to 755, in steps of 5,
TN-210DGHMN192-xxxW, xxx=695 to 765, in steps of 5,
TN-210DGHMN198-xxxW, xxx=705 to 765, in steps of 5,
TN-210DGHMN210-xxxW, xxx=720 to 765, in steps of 5,
TN-210DGHMN220-xxxW, xxx=735 to 765, in steps of 5,
TN-210DGHMN232-xxxW, xxx=750 to 765, in steps of 5,
TN-210DGHMN244-xxxW, xxx=765 to 765, in steps of 5,
xxx is standing for rated output power at STC.

Parameters:

Construction: Framed, double glass with Junction
box, Cable and Connectors
Safety Class: Class II
Maximum System Voltage: 1500V DC
Fire Safety Class: Class C according to UL790
Test method of salt mist: Test method 6

Production Facility(ies): 127501

Tested
according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
IEC 61701:2020

Certification Scope

Certified to IEC 61215, IEC 61730, TÜV, and other international standards, ensuring full compliance with global requirements and enabling access to international markets.

Test Results

During TÜV certification, the modules passed PID testing, high-voltage stress testing, and salt mist (salt spray) testing, ensuring reliable performance in harsh environments.



Product Specifications & Application Positioning

1

This energy storage system features a single-cabinet capacity of 261 kWh / 125 kW and adopts a three-phase, four-wire 380 Vac architecture. Designed specifically for commercial and industrial (C&I) applications, it flexibly supports peak shaving and valley filling, backup power supply, and energy management, improving energy efficiency while reducing overall energy costs.

Design Advantages & Reliability

2

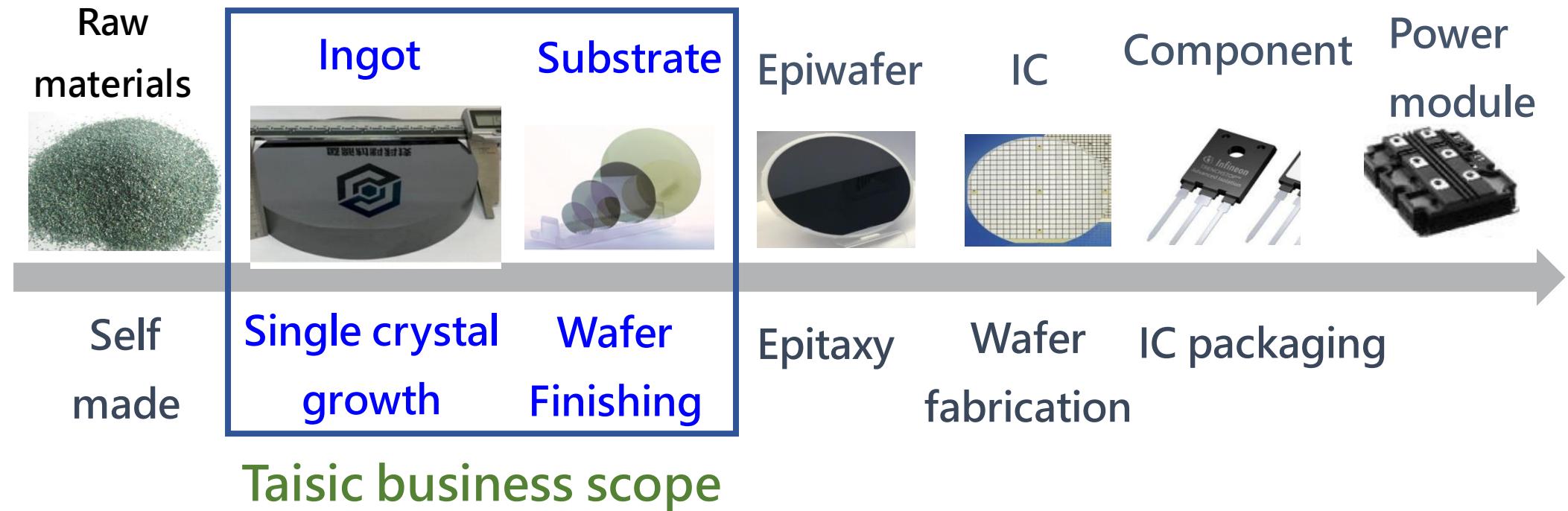
The product features a modular and integrated design, balancing future scalability with system stability. It is equipped with comprehensive fire protection and safety mechanisms, effectively reducing operational risks and ensuring safe, reliable long-term operation.

TAINERG-Solar Power System

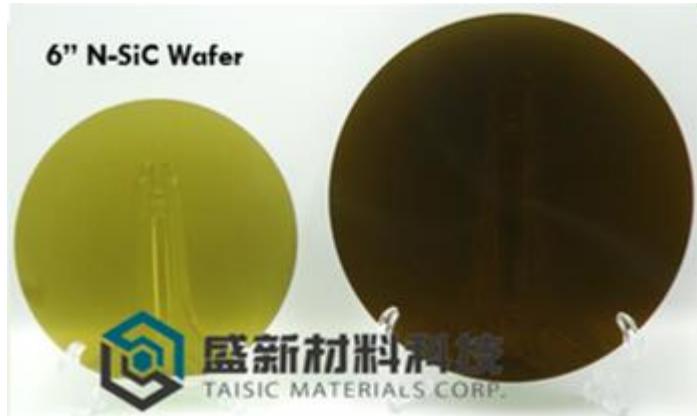


Self-Owned Power
Plant – Total Capacity:
3.18 MW

Taisic-SiC Product industry chain



Taisic Products-SiC ingot & Substrate



Diameter: 100.2 mm



Diameter: 150.26 mm



Diameter: 150.02 mm



Diameter: 200.02 mm



“++” symbolizes an upgrade beyond vision—boosting confidence and enhancing beauty.

Product Items

Product Category	Product Name	Pack Size (Lenses)	Color Options
Value Choice	55% Colored Daily Disposable	10	3
	59% Aqua Blue Daily Disposable	30	—
	58% Colored Daily Disposable	10	2
	38% Colored Monthly Disposable	1	5
Functional Choice	55% Blue Light Blocking Aqua Blue Daily Disposable	30	—
	55% Blue Light Blocking Colored Daily Disposable	10	5
High Oxygen Permeability Choice	60% Silicone Hydrogel Aqua Blue Daily Disposable	30	—
	60% Silicone Hydrogel Colored Daily Disposable	10	3

All products feature UV protection.

59% Aqua Blue Daily Disposable

30-Lens Pack: Daily Disposable Aqua Blue Clear Contact

Lens Specifications:

- Diameter (DIA):** 14.2 mm
- Base Curve (BC):** 8.6 mm

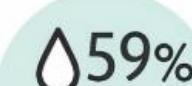
Available Powers:

- 1.00 to -10.00 D**
- In 0.50 D increments for powers above -5.00 D**



UV-Blocking Lenses

Blocks part of
UVB / UVA rays



59% Moisture Content

Keeps eyes
hydrated and
comfortable



Daily Disposable 30 PCS

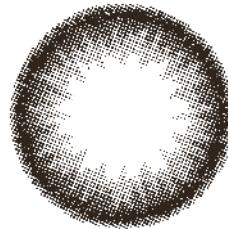


Hydrophilic HEMA Material

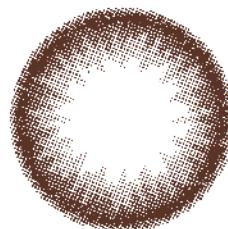
With added HPMC
moisturizing agent

58% Colored Daily Disposable

10-pack: Daily Disposable Colored Contact Lenses



- Stellar Ring Black
Daily wear styleColored
diameter: 13.4 mmProvi
des a noticeable
enlarging effect
Dark outer ring with a
radial inner patternMulti
-layered design for
natural depthEnhances
eye definition for
everyday wear



- Stellar Ring Brown
Daily wear styleColored
diameter: 13.4 mmProvides
a noticeable enlarging effect



The thick outer ring and inner
radial design define the eyes.
Compared to black, the brown
style enlarges the eyes whil
e maintaining a softer look.

- Lens Specifications DIA 14.2 mm BC 8.6 mm
- Moisture Content: 58%Available Power
Range: -1.00 to -9.00(For powers above -5.00,
increments of 0.50 diopters)



55% Blue Light Blocking Aqua Blue Daily Disposable



Next-generation Anti-blue Light Contact Lenses



Clear and Natural

Unlike other market products, these lenses show no yellowish tint and appear clear and natural just like regular contact lenses

Effectively shields UV-A/UV-B

Blocks UVA 80% / UVB 95%

Blocks UVA 80% / UVB 95%



30 lenses



55% Moisture Content

Lenses are made from softer, moisturizing materials with added PVP moisturizing agent for comfortable, long-lasting wear to suit extended wear.

Enhanced Visual Comfort, Reduced Eye Fatigue

Prolonged exposure to digital screens and indoor radiation can dry out the eyes, causing fatigue. In addition to filtering blue light from entering the eyes, these lenses alleviate eye dryness and discomfort.

Note: These lenses are classified as a class 2-medical device used on-registered to have regular eye examination. This product is not intended and use in potential eye wear procedures to wear over immediately users need aspiration on examinations. Key examining uses soft products, or contact examination using. Note: does not guarantee certain or prefer idea. In contact eye examinations, regular aspiration, or removal-disinfectant, which is not an antiseptics for maintaining those contact eye care, professional vision use. Max-recommend

60% Silicone Hydrogel Aqua Blue Daily Disposable



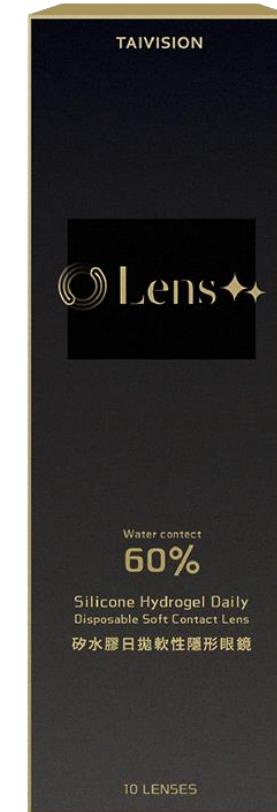
- Innovative 60% high-water-content silicone hydrogel lenses effectively reduce foreign body sensation for enhanced comfort.
- High oxygen permeability ($Dk/t = 100$) helps minimize eye redness and meets the needs of long-term wear.
- Enjoy premium, high-oxygen-transmissibility lenses with ease.
- 30 lenses per box.

60% Silicone Hydrogel Colored Daily Disposable

- Innovative 60% high-water-content silicone hydrogel colored contact lenses
- High oxygen permeability (Dk/t 100) helps reduce eye redness, ensuring both beauty and eye health
- Three stylish designs combining fashion and premium quality
- 10 lenses per box

- Lens Specifications
DIA 14.2 mm BC 8.7 mm

- Water Content: 60%
Available Power Range: 0.00 to -9.00
(For powers above -5.00, in 0.50-diopter increments)



Dual-Gun DC All-in-One Charging Station



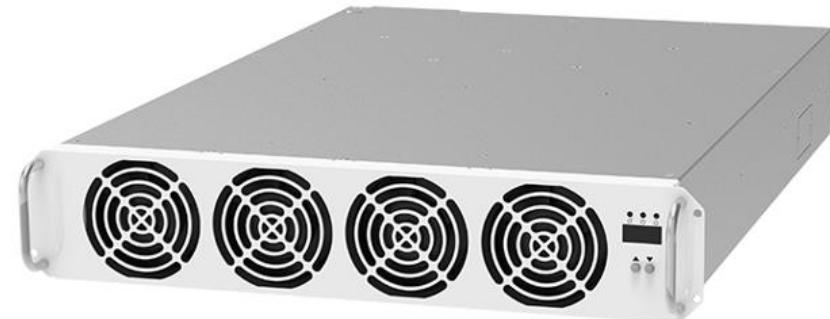
AS Series – Single-Gun AC All-in-One Charging Station



CP Series – CCS1 / CCS2 Charging Connector



CM Series – 30/40/60 kW Unidirectional Air-Cooled DC Charging Module



Architecture 充電設備結構



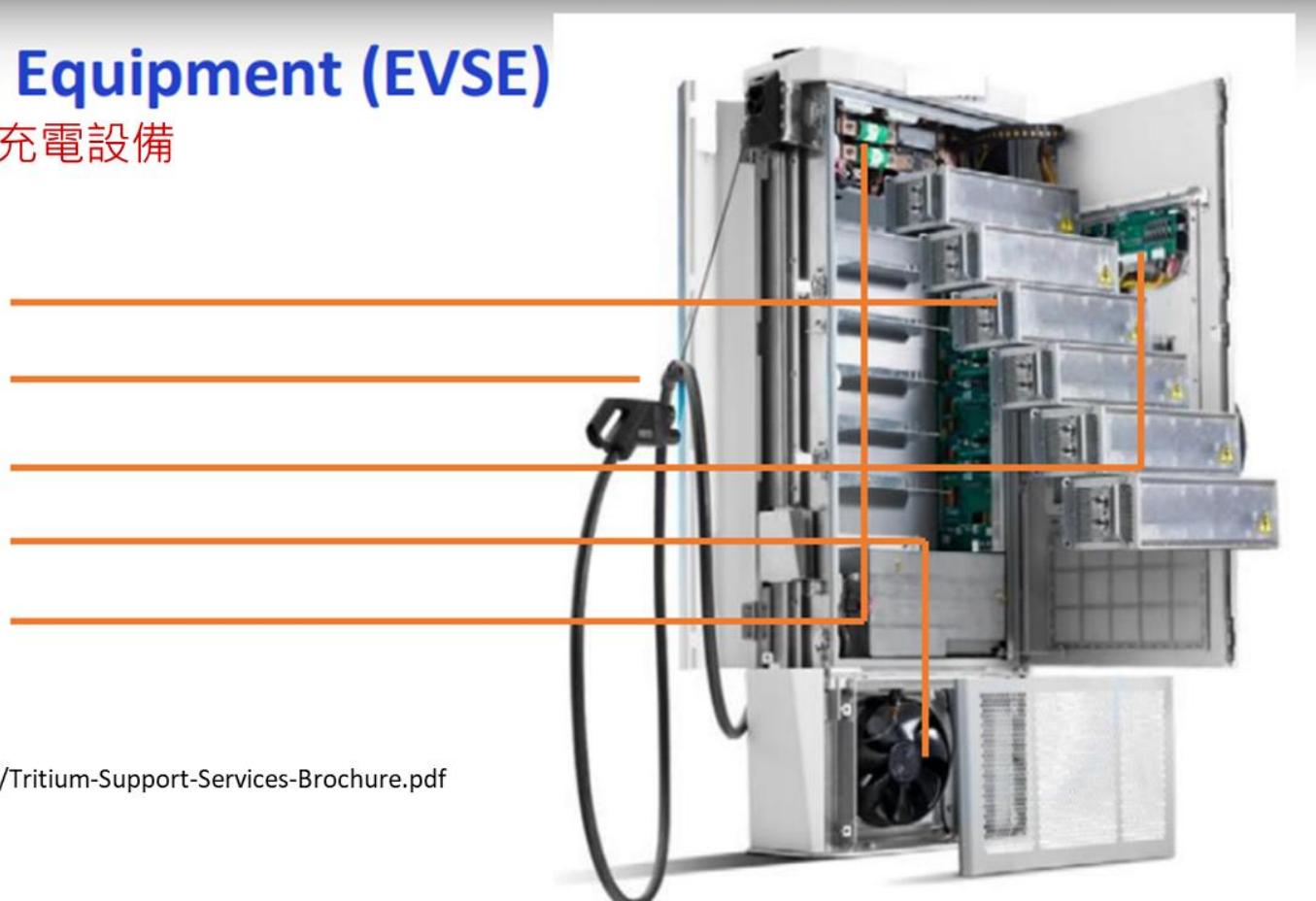
Electric Vehicle Supply Equipment (EVSE)

電動汽車充電設備

Key Components for DC

直流充電主要組件

- Charging Module: 30kW / 40kW
充電模組 : 30kW / 40kW
- Charging Plug: Air / Liquid Chilling
充電插頭 : 氣冷 / 液冷
- Control Board
控制板
- CDU (Optional)
CDU (選配)
- Breaker / Relay
斷路器 / 繼電器



資料來源：<https://tritiumcharging.com/wp-content/uploads/2024/11/Tritium-Support-Services-Brochure.pdf>

1.公司基本資料

2.財務資訊

3.產品簡介

4.資訊交流



Q&A