



Tainergy Report -2025

2025年12月23日



免責聲明及保密規定

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

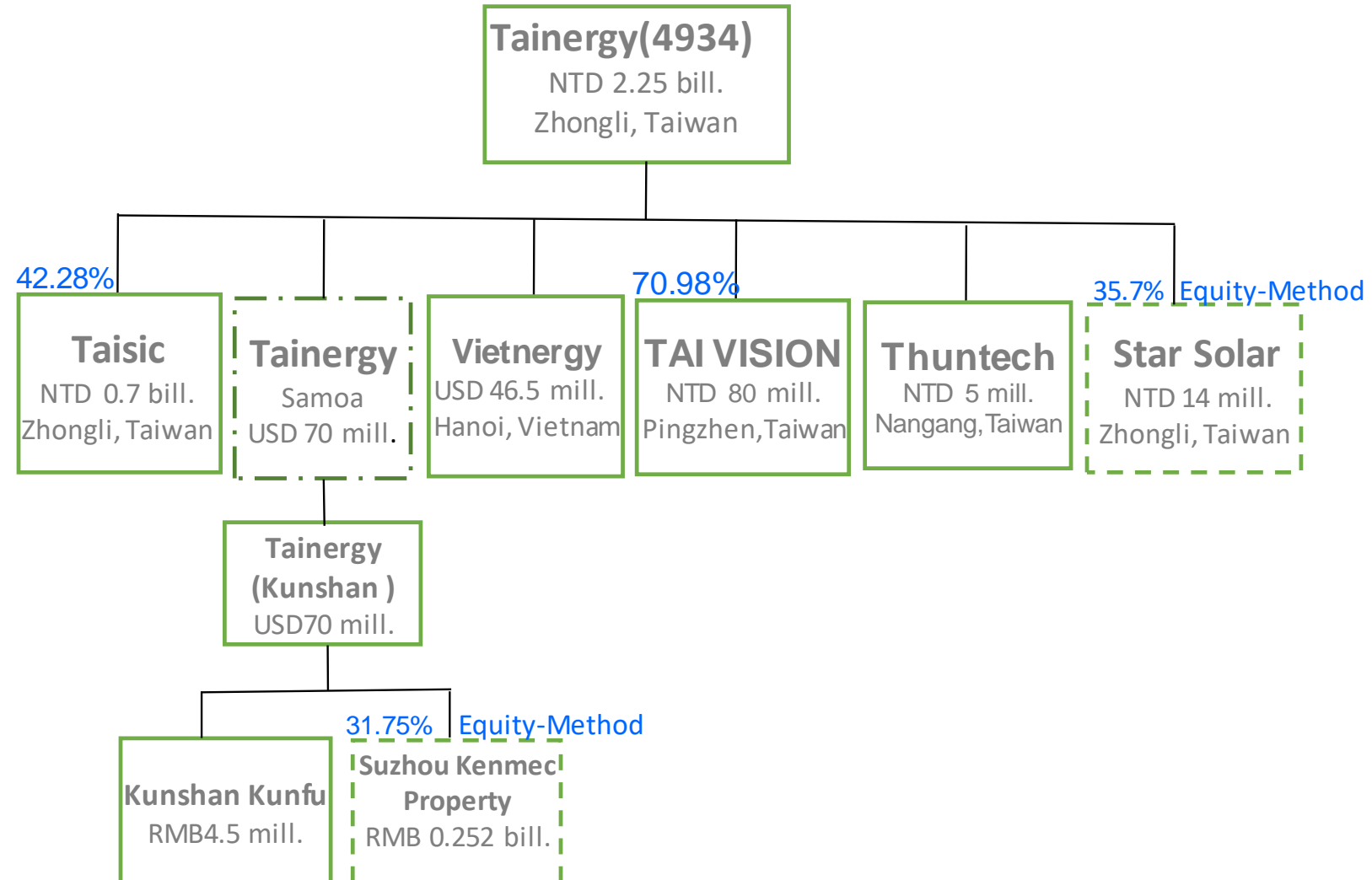
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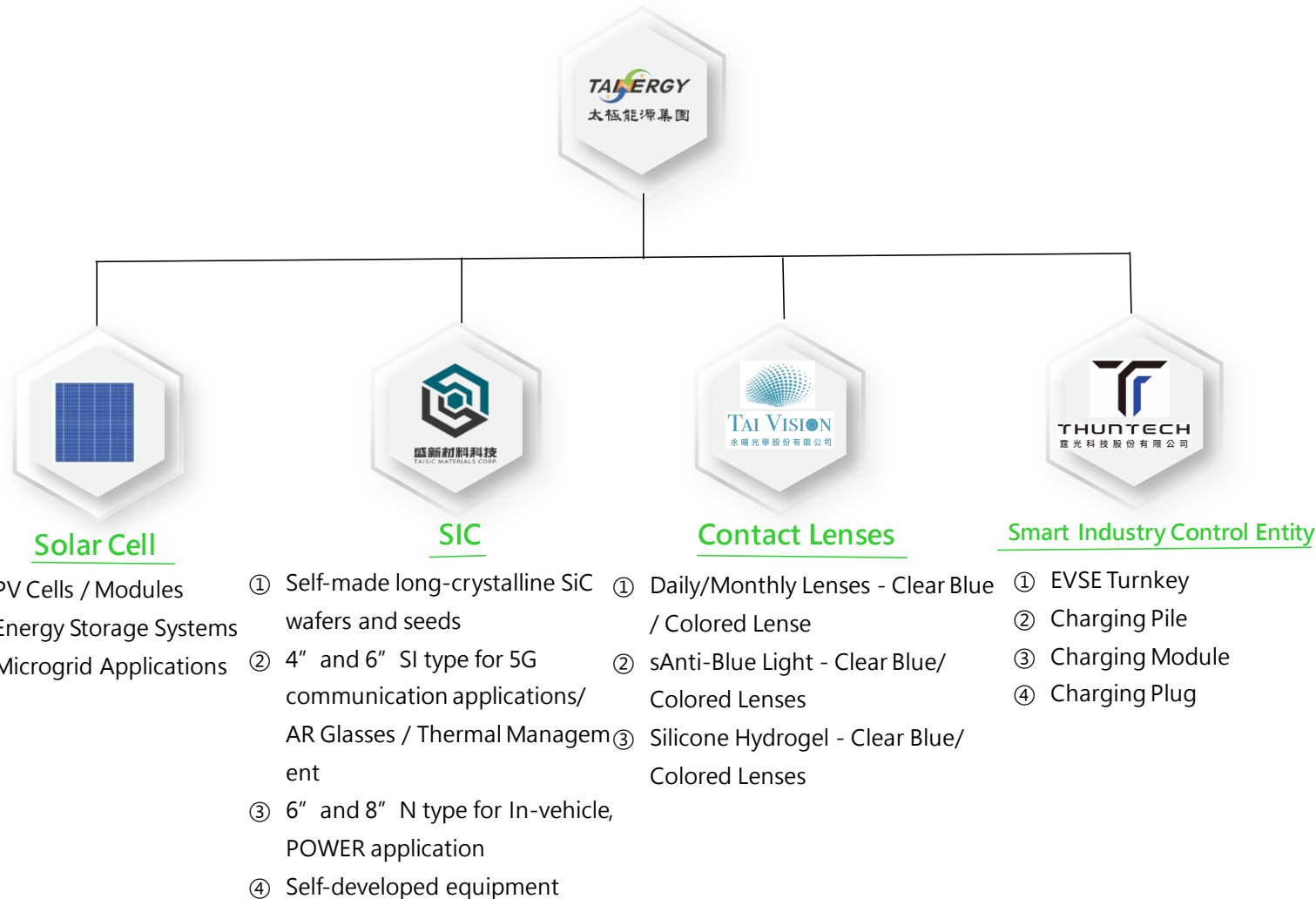
4. Deep Discussion

Investment structure



Company Profile

Tainergy Group



Company Profile -Tainergy



① TAINERGY TECH CO.,LTD.

② Founded in : 2007/5

③ Capital : NTD 2.25 bill.

④ President : MING-KAI, HSIEH

General Manage : YI-KUANG CHEN

⑤ Ownership structure : Kenmec 27.17%

⑥ Employees : 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

Item	Total	Unit: NT\$ million EPS NT\$ dollar		
		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

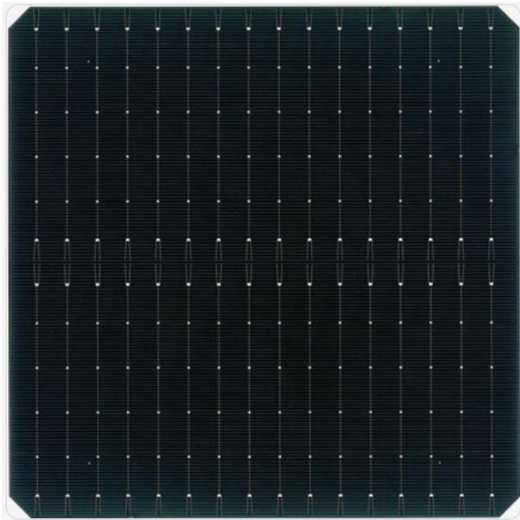
ITEM	2025 Q1-Q3	2024 Q1-Q3
cash from operating activities	(174)	(340)
cash from investing activities	(151)	28
cash from financing activities	262	(1)
others	(24)	4
net cash flow	(87)	(310)
beginning balance	550	768
ending balance	463	458

Outline

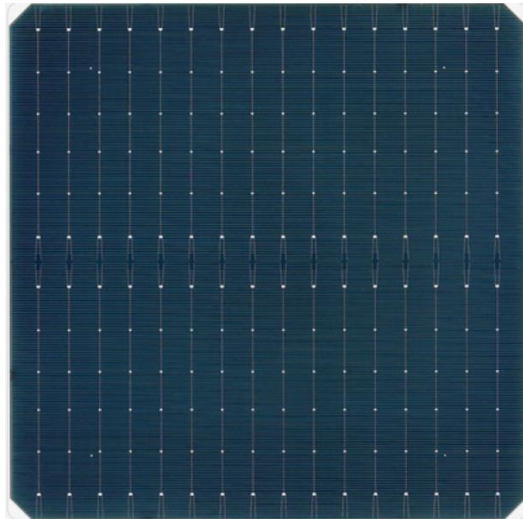
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TAINERGY-Solar Cell

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

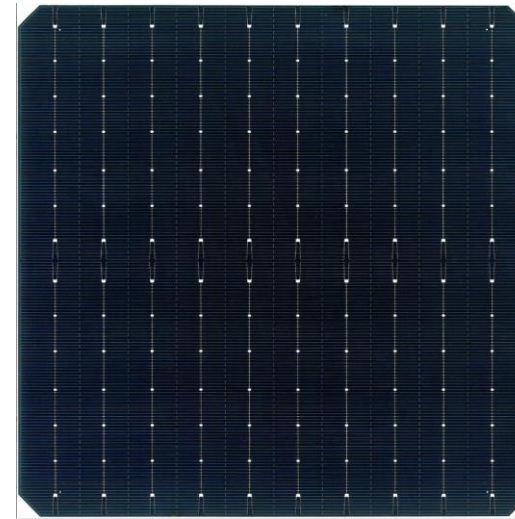


Front

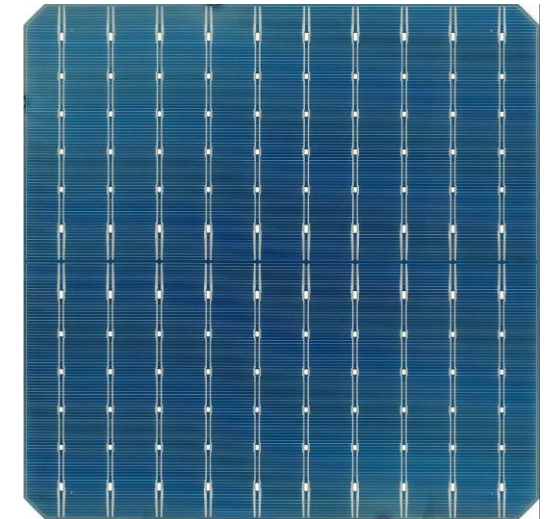


Back

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



Front



Back

TAINERGY-Solar module

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

TAINERGY-Solar module

International Listing and Stringent Testing Certification

CERTIFICATE No. Z2 083719 0001 Rev. 00	 	CERTIFICATE No. Z2 083719 0001 Rev. 00
Holder of Certificate: TAINERGY TECH CO., LTD. No. 5, Ziqiang 1st Rd., Fuxing Vil. Zhongli Dist. 320023 Taoyuan City TAIWAN		Model(s): TN-182BDHMN108-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=685 to 730, in steps of 5, TN-21RDGHMN096-xxxW, xxx=430 to 470, in steps of 5, TN-21RDGHMN108-xxxW, xxx=485 to 525, in steps of 5, TN-21RDGHMN120-xxxW, xxx=540 to 585, in steps of 5, TN-21RDGHMN132-xxxW, xxx=595 to 645, in steps of 5, xxx is standing for rated output power at STC.
Certification Mark: 		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
Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules Mono-Crystalline Silicon Photovoltaic Module		Production Facility(ies): 127501
<p>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.tuvsud.com/ps-cert</p>		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
Test report no.: 701262511203-00		
Valid until: 2030-03-08		
Date, 2025-04-25  (Zhulin Zhang)		

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.

TAINERG-Energy Storage Cabinet



1

Product Specifications & Application Positioning

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.

2

Design Advantages & Reliability

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.

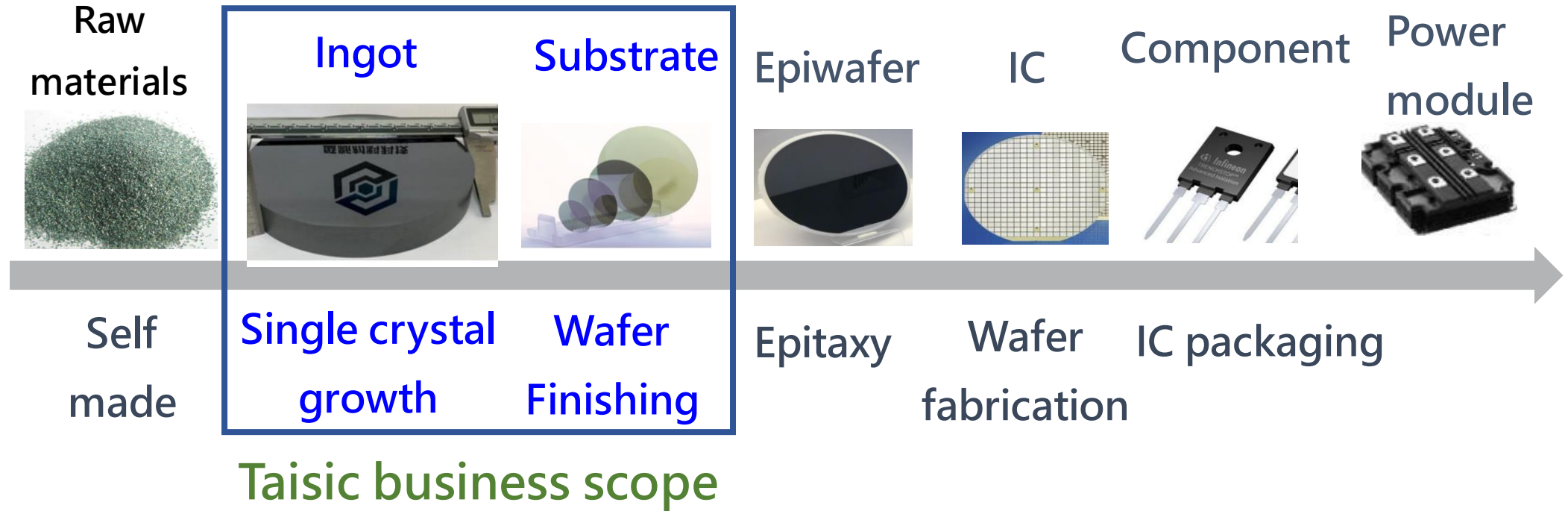
TAINERG-Solar Power System



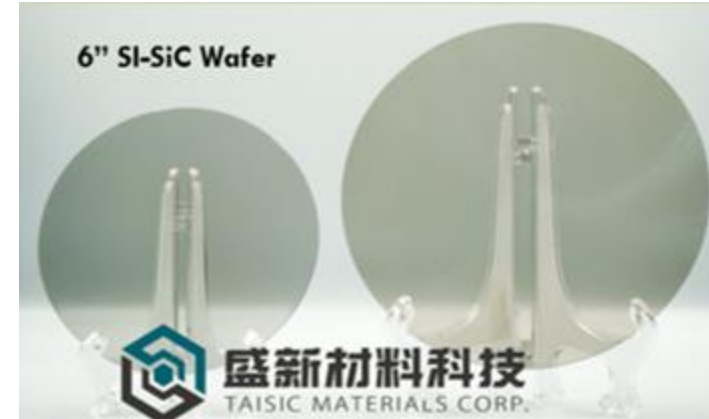
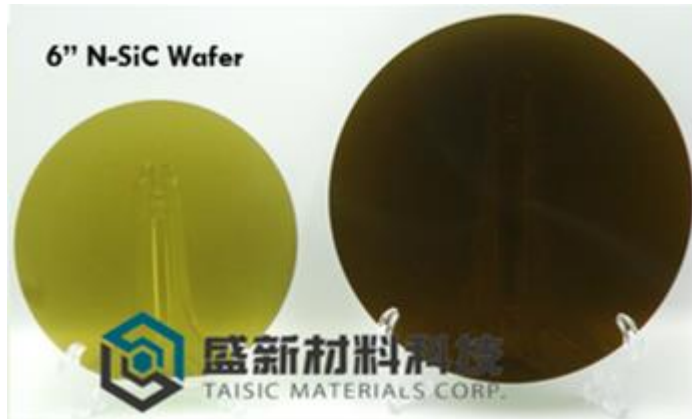
Yunlin Douliu
1.32 MW

Self-Owned Power
Plant – Total Capacity:
3.18 MW

Taisic-SiC Product industry chain



Taisic Products-SiC ingot & Substrate



4" SI-SiC Ingot



Diameter: 100.2 mm

6" SI-SiC Ingot



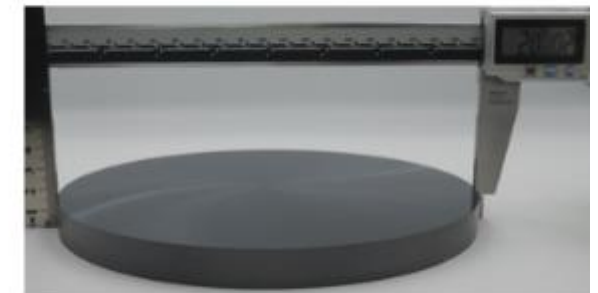
Diameter: 150.26 mm

6" N-SiC Ingot



Diameter: 150.02 mm

8" N-SiC Ingot



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.

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



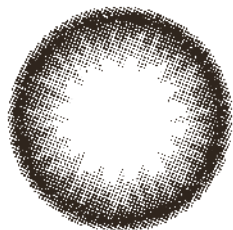
Daily Disposable
30 PCS



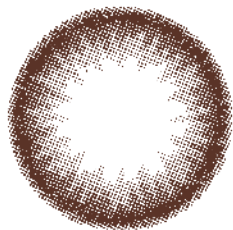
Hydrophilic HEMA Material

With added HPMC moisturizing agent

10-pack: Daily Disposable Colored Contact Lenses



- **Stellar Ring Black**
Daily wear style Colored
diameter: 13.4 mm Provides a noticeable enlarging effect
Dark outer ring with a radial inner pattern Multi-layered design for natural depth Enhances eye definition for everyday wear



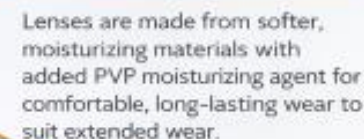
- **Stellar Ring Brown**
Daily wear style Colored
diameter: 13.4 mm Provides a noticeable enlarging effect



The thick outer ring and inner radial design define the eyes. Compared to black, the brown style enlarges the eyes while 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)





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 under csa-regulated to have regular eye examination. This product is not-intended and not used in professional wear glasses, to you or multifunctional users like experiential or entertainment. They containing lenses soft production, or contact accommodation system. Note: using an ophthalmologist contains a prior advice in contact eye optician, optician, optician, or vision correction, vision test and eye examination for accommodation. Note: change eye eye, professional vision eye. May experience

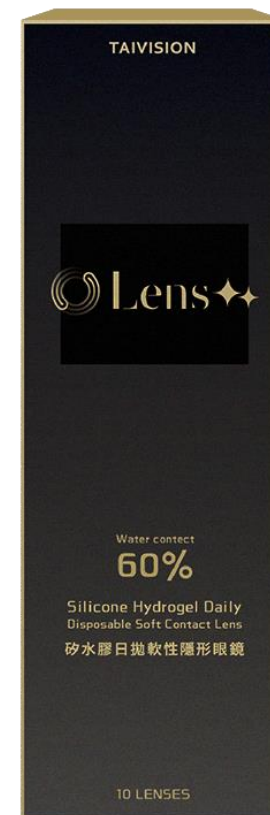
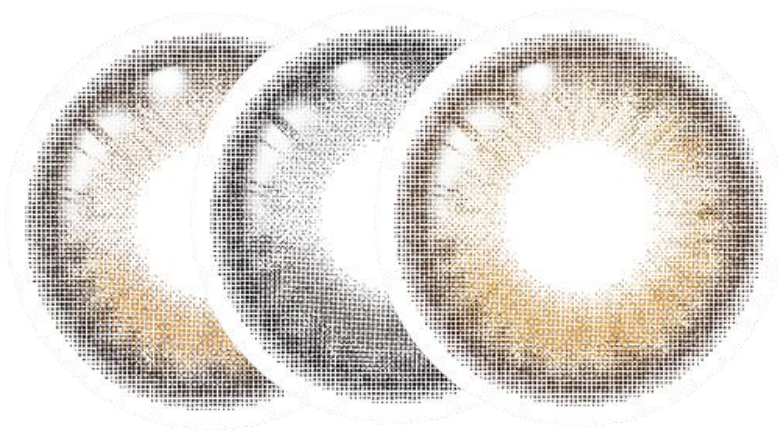
60% Silicone Hydrogel Aqua Blue Daily Disposable



- 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



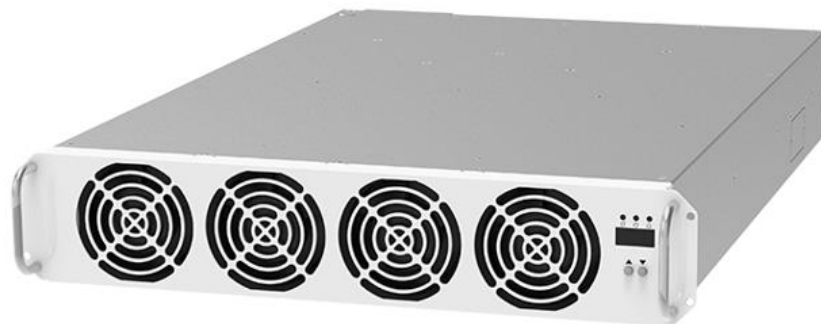
AS Series – Single-Gun AC All-in-One Charging Station



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

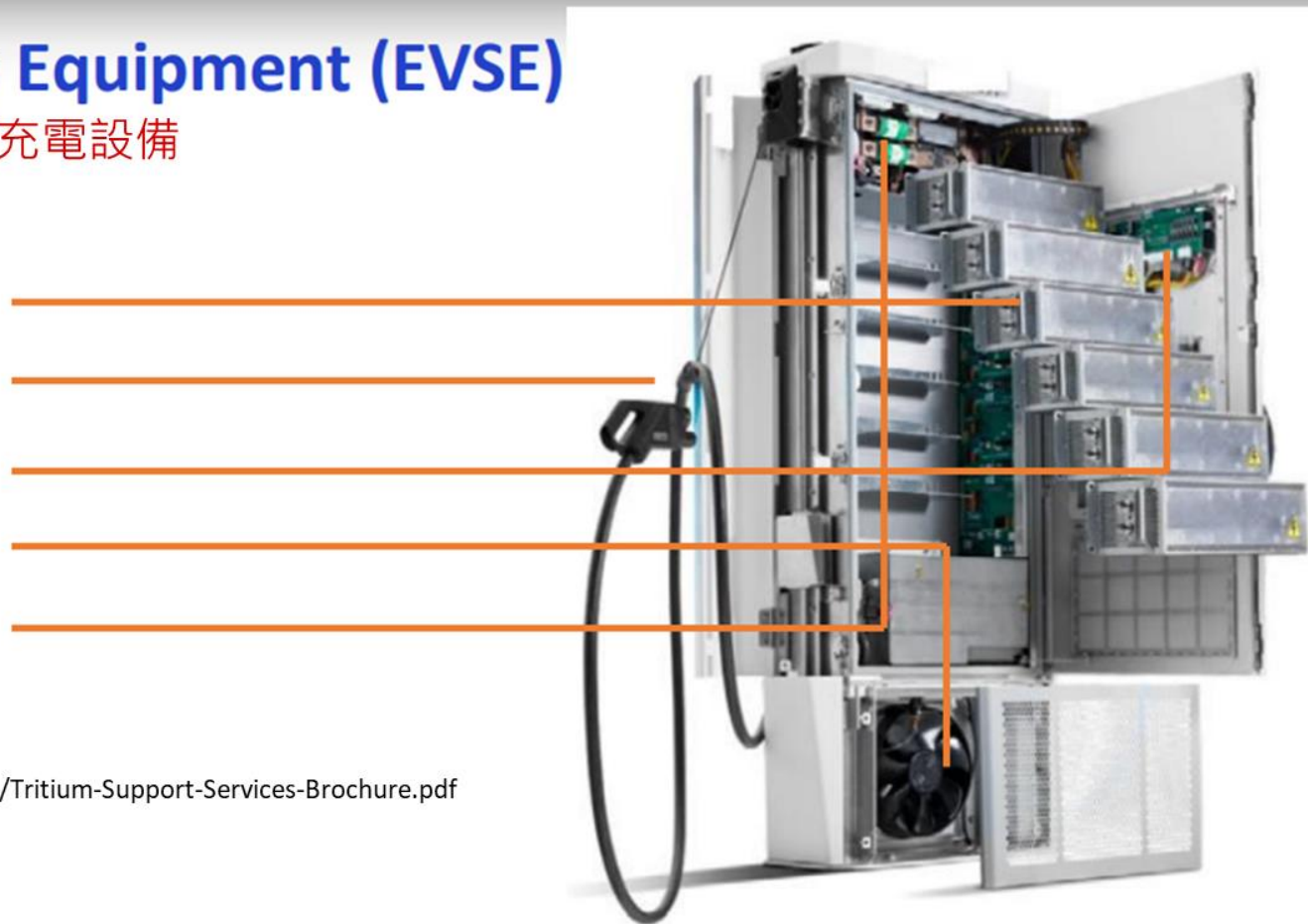
控制板

- 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

