



SUNON®

FIRST CHOICE GLOBALLY
Cooling Solutions

2025 Q3 Operating Results

SUNONwealth Electric Machine Industry Co., Ltd.

2421.TW / 2421 TT

Disclaimer

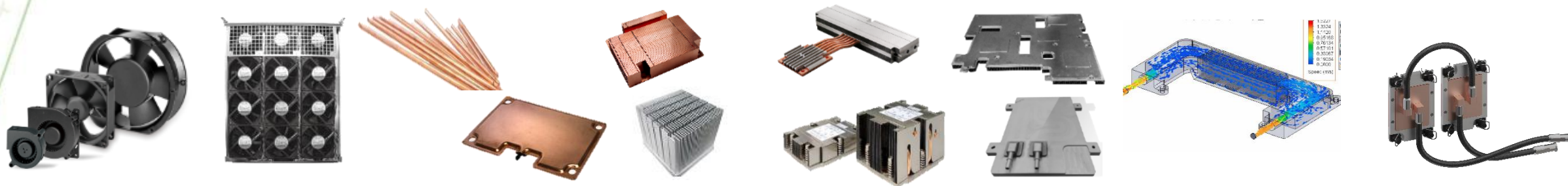
The information or opinions contained in this document are based on expectations of current conditions and prediction on future events made by SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD. (hereinafter referred to as “the Company”), which no representation or warranty, express or implied, is made as to its fairness, accuracy, completeness or timeliness. The information in this document only reflects the Company's view of the future as of the date hereof and is subject to change or adjustment in the future. And the Company assumes no obligation to notify or update it at any time unless otherwise required by the applicable laws. Neither the Company nor any of its subsidiaries, affiliates or representatives shall be liable for any direct or indirect damages arising out of the contents of this document, or any action taken as a result of reference to such contents.

The information contained in this document may express the Company's confidence in and expectations for its future vision, but these forward-looking statements are based on a number of factors relating to the Company's operations and are subject to unknown risks, uncertainties and other factors, and as a result, the actual results may differ materially from those in the forward-looking statements set forth above.

No part of this document may be copied, redistributed or transmitted, directly or indirectly, to any other person (whether inside or outside the Company) or published (in part or in whole) for any purpose.

SUNON Thermal Everywhere

■ Fan ■ Fan tray ■ Heat Pipe ■ Vapor Chamber ■ Heat Sink ■ Cooling Module ■ Cold Plate ■ Liquid Cooling



5G Base Stations



Networking



electric vehicles



Industry Inverter / Drive



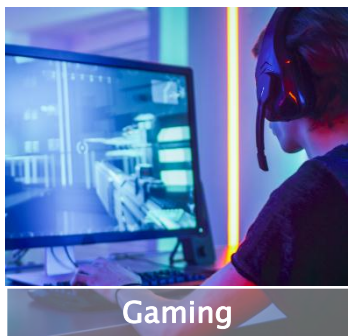
Renewable Energy



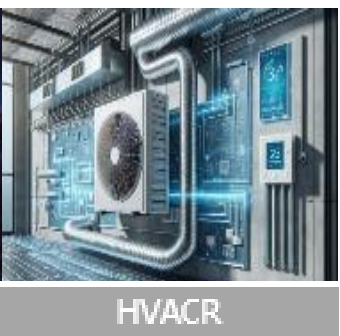
surveillance



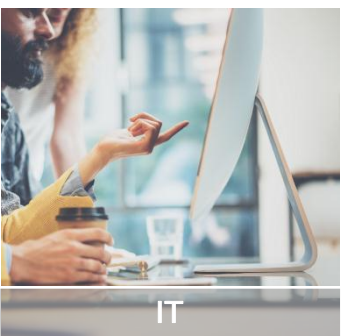
medical



Gaming



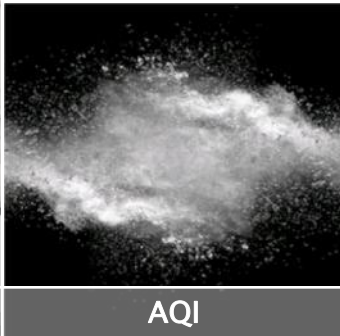
HVACR



IT



Home Appliance



AQI



Air Purifier UVC Solution

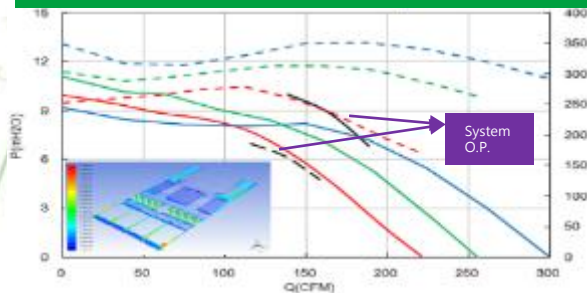


Industrial Ventilation

Thermal Technology Keeps Pace With the Times

Future will be supported by powerful computing capacity and the ultra-speed Internet with high reliability, which tests the effectiveness of thermal solutions. The change in the world stimulates thermal technology to update and advance to be suitable for real-time computing systems' needs. Technological advancement in heat dissipation provides the most effective operating temperature management to achieve excellence.

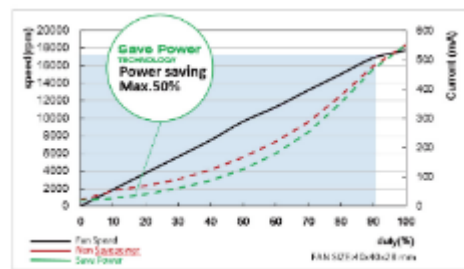
High Fan Efficiency



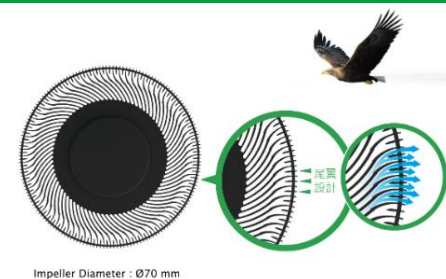
Low Vibration



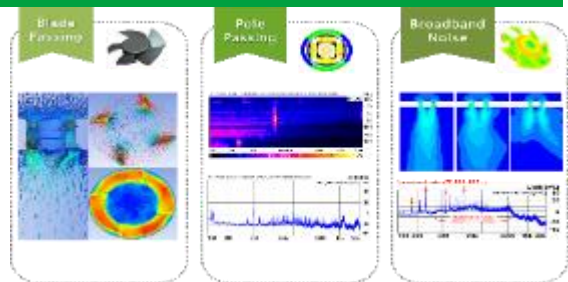
Energy Saving



Bionic Blade Design

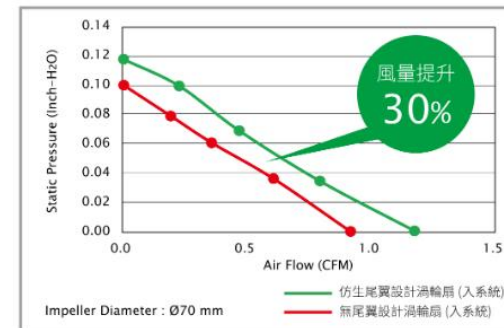


Low Noise



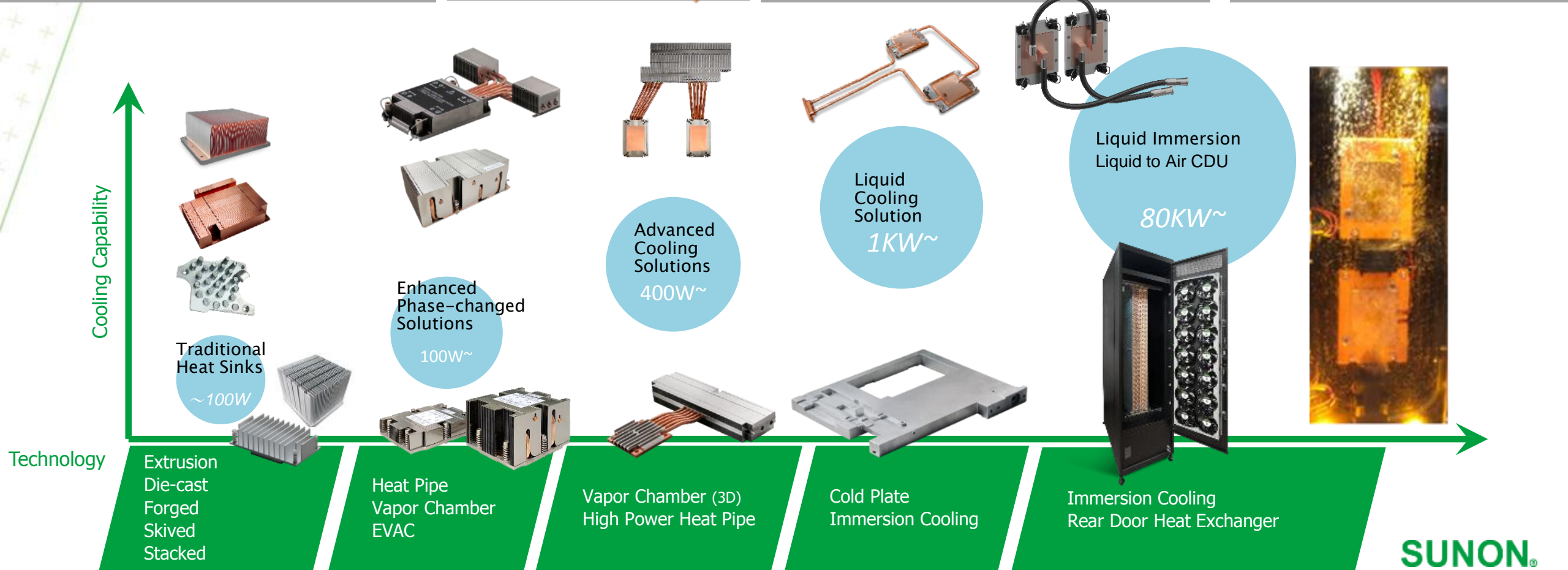
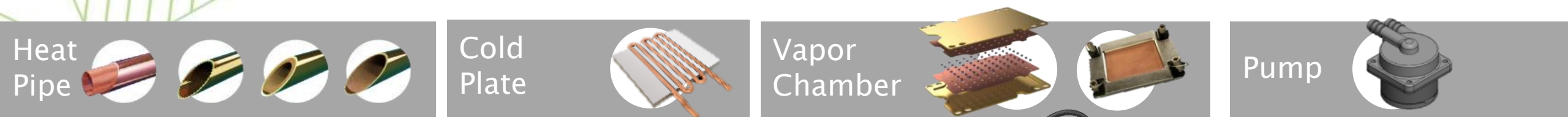
Reliability

- Salt solution: 0.05 % NaCl + 0.35 % ammonia sulphate (Flow is reduced to 20% of a normal ASTM G85 test)
- Chamber temperature: 35° C
- Test cycles first 35 days: 15 min. spray/fog followed of 45 min. drying. 3 day with Salt solution 2 days demineralized water
- Test cycles after 35 days: 30 min. spray/fog followed of 30 min. drying. 3 day with Salt solution 2 days demineralized water
- Test duration: 40 days
- Fans are running during the entire test
- Fans are checked once a day
- If Fan stops:
 1. Try to start fan with finger
 2. "Exercise" with pressurized air
 3. "Dry out" Fan in 45° C oven for 24 Hours.



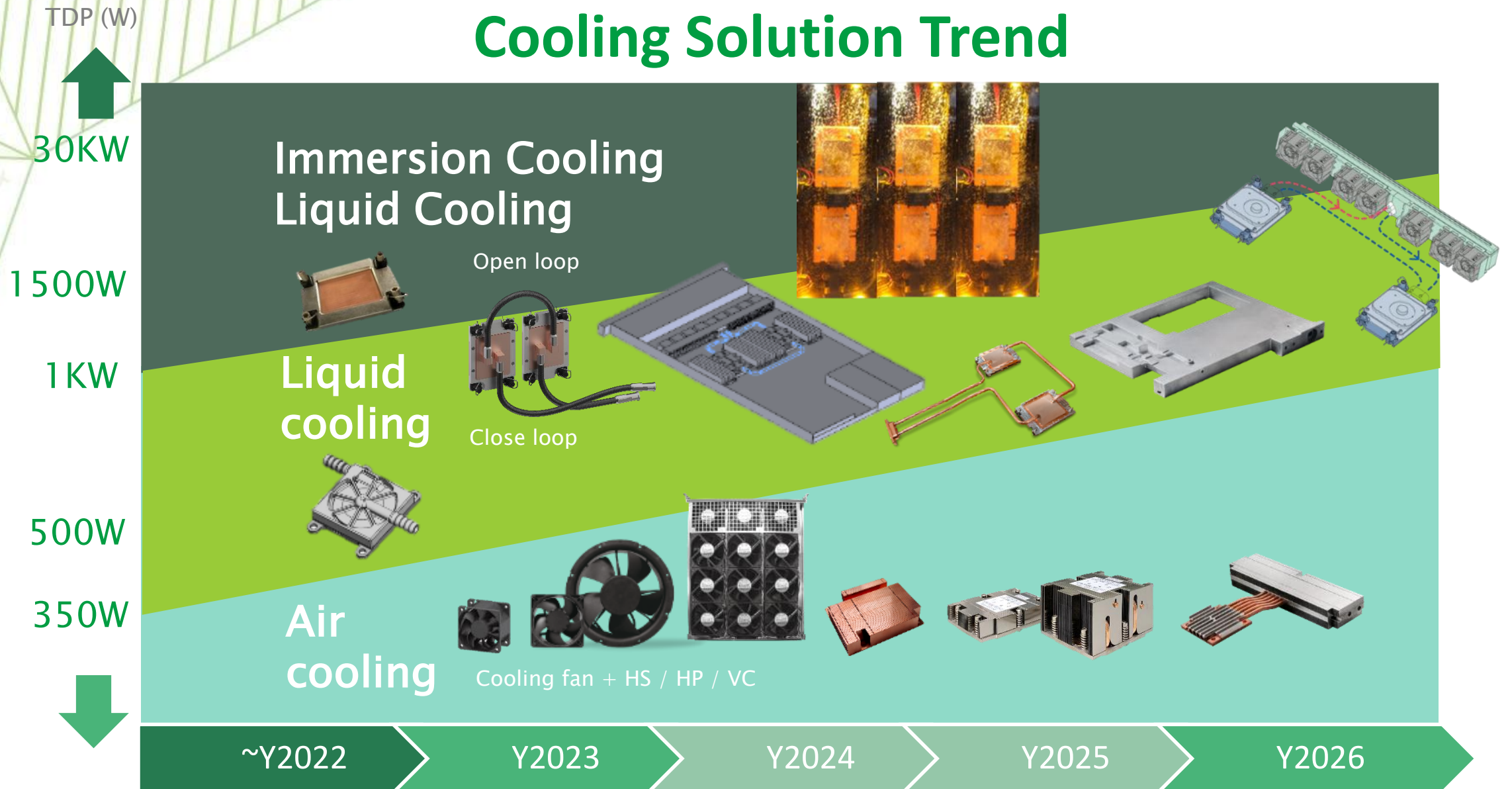
SUNON®

More Cooling Options



SUNON®

Cooling Solution Trend



Fan is still the key component for Liquid cooled AI

NVIDIA	Single B300 GB300 NVL72	GB200 NVL72	B200 DGX/HGX	B100 HGX	H100/200 SXM
GPU Architecture	Blackwell				Hopper
TDP	1400W	1200W	1000W	700W	700W
Cooling	Liquid Cooling	Liquid Cooling	Air Cooling	Air Cooling	Air Cooling

of fans for GB300 NVL72

Rack: 4cm dual fan*8 each tray, total #18 computer trays;

NV Link Switch: 4cm dual fan*6 or 7 each tray, total #9 trays

Power Supplies: at least #50 fans

In-rack system: Up to #257 cooling fans applied
At lease #16 200mm Axial fans installed in RDHx



Picture Source : QCT & Internet

Data Center Thermal Layout

Existed Data Center

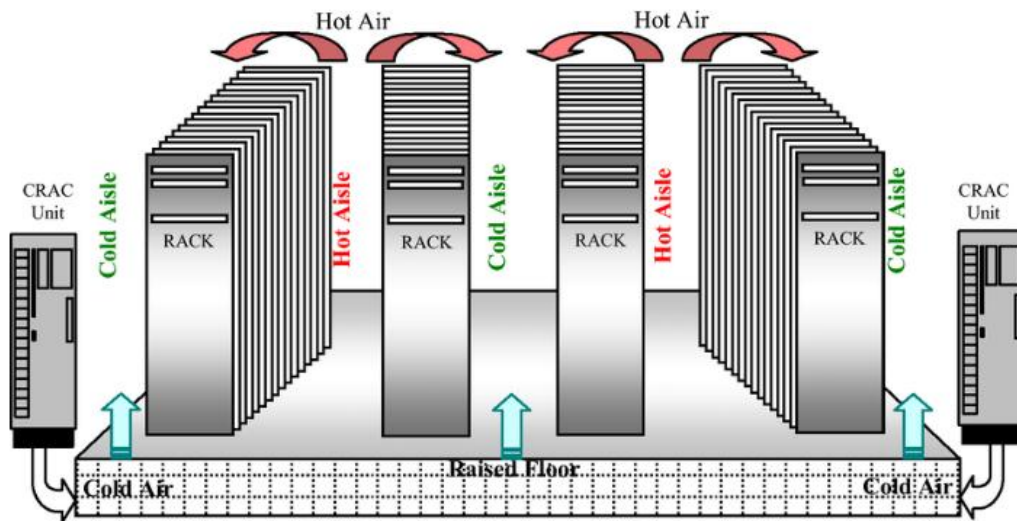
Existed CRAC system (Compute Room Air Conditioner)

Air-cooling

Fan + 3DVC → Hot air

Liquid cooling (Liquid to Air)

Cold Plate → Sidecar/RHDx → Hot air



Layout of racks and CRAC in a data center

New Data Center

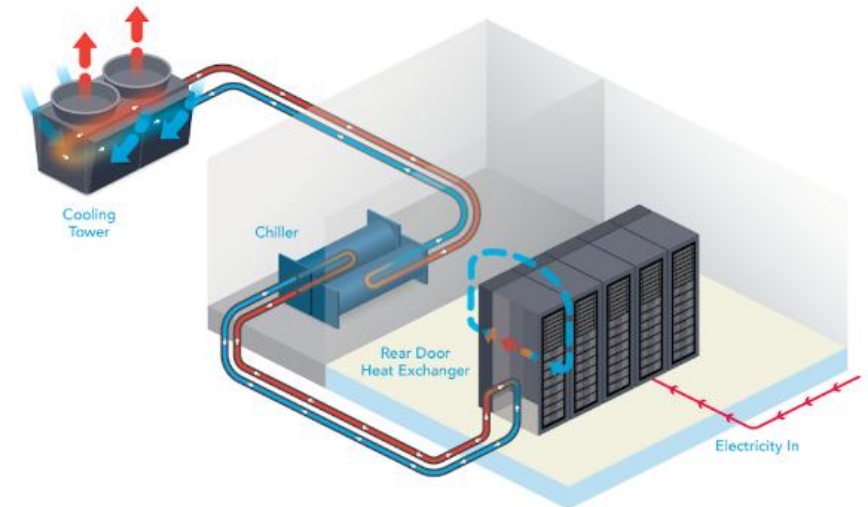
Extra chiller and/or cooling tower

Liquid cooling (Liquid to Liquid)

Cold Plate → Chiller → Hot water

Immersion cooling (Liquid to Liquid)

Boiler/Heatsink → Chiller → Hot liquid



Picture Source : Internet

SUNON®

Air Cooling vs. Direct Liquid Cooling

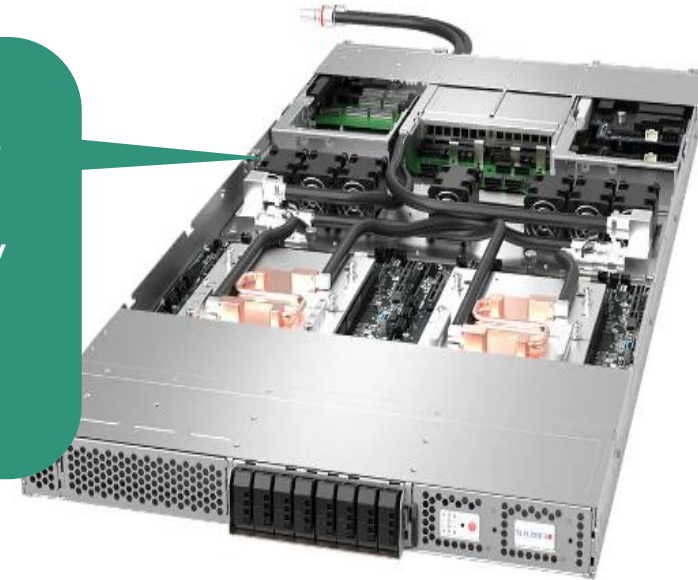
Air Cooling (Fan + 3DVC)

Refer to MGX platform
SMCI model ARS-111GL-NHR



Direct Liquid Cooling (Fan + Cold Plate)

Refer to MGX platform
SMCI model ARS-111GL-DNHR-LCC



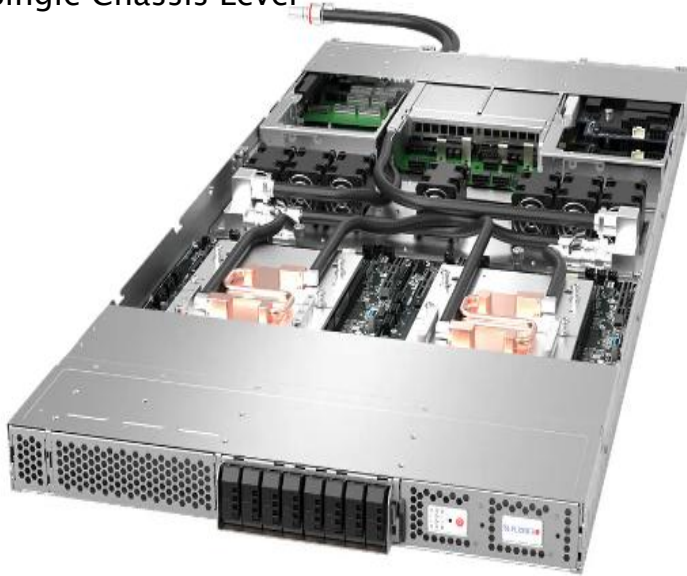
For same chassis layout, fan is must needed key component for thermal solution

Air Cooling vs. Direct Liquid Cooling

Direct Liquid Cooling (Fan + Cold Plate)

Refer to MGX platform
SMCI model GPU ARS-111GL-DNHR-LCC

Single Chassis Level



Picture Source : Internet

Rear Door Heat Exchanger

Larger axial fan

Whole Rack Level



Sidocar

Air Assisted Liquid Cooling
(Larger axial fan)

Whole Rack Level

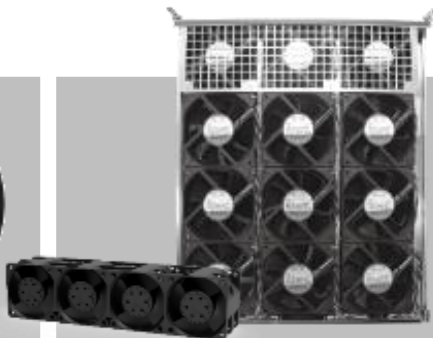


SUNON®

SUNON Total Thermal Solutions, One-stop Service



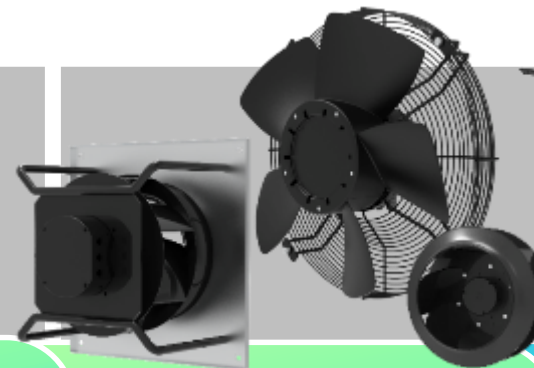
Compact Fans



Fan Tray



Thermal Modules



Large-size EC Fans



Building Ventilation Fans



Sidecar CDU / Fan wall



RPU



Two-phase Liquid Cooler

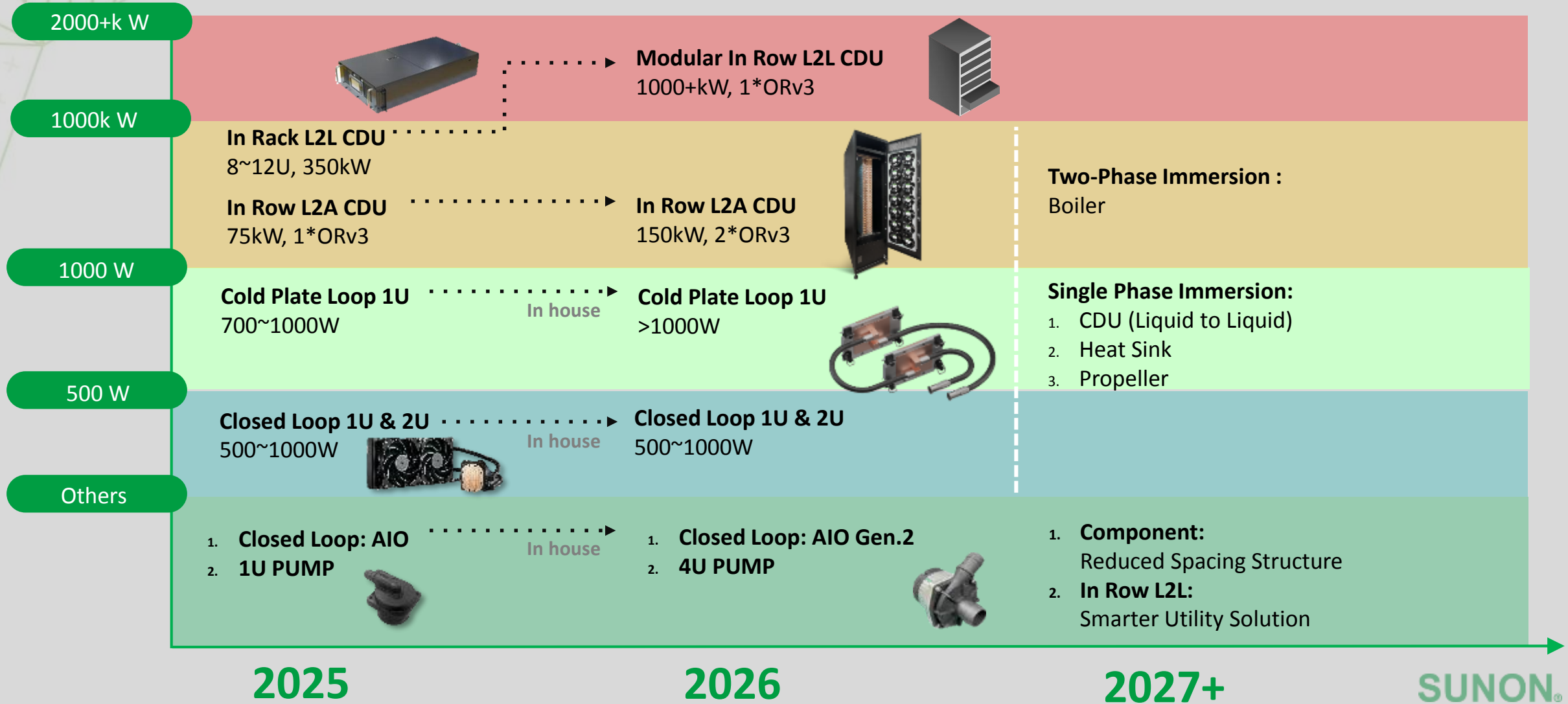


Water pump / Boiler

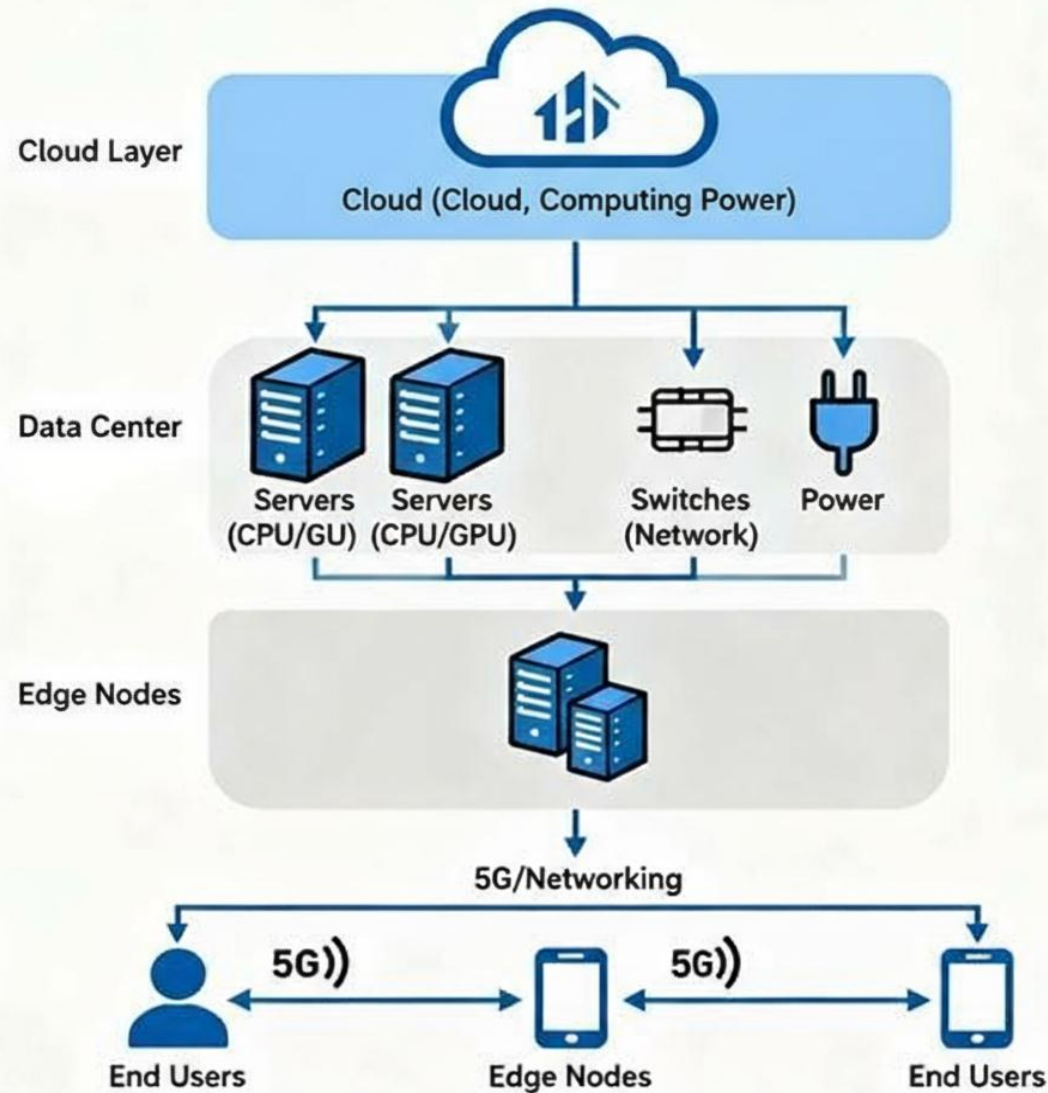


Liquid-cooled Modules

SUNON Liquid & Immersion Cooling Development



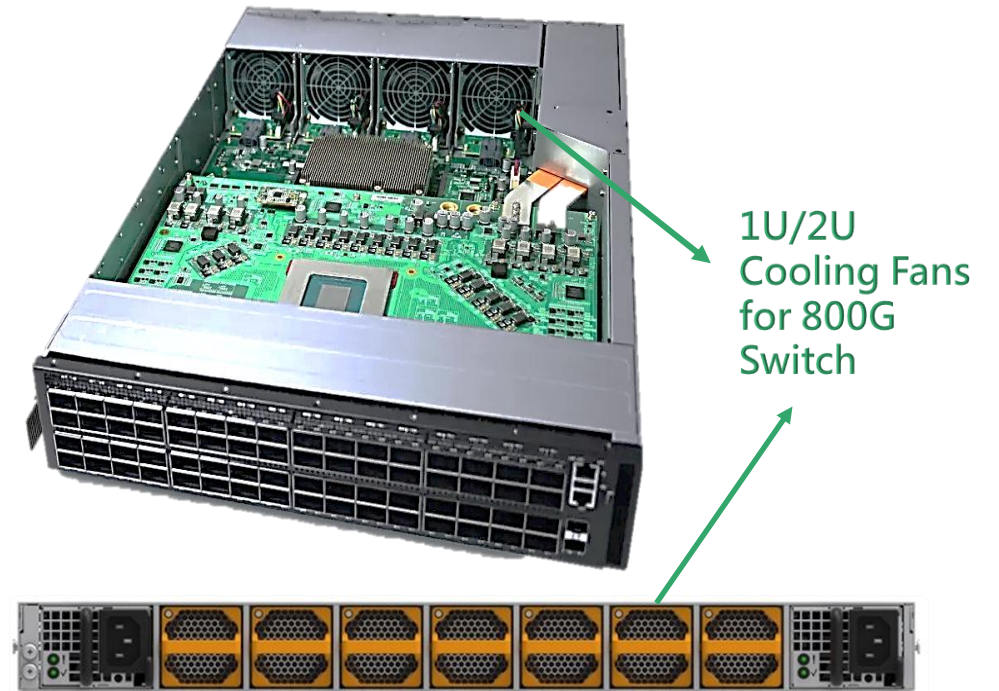
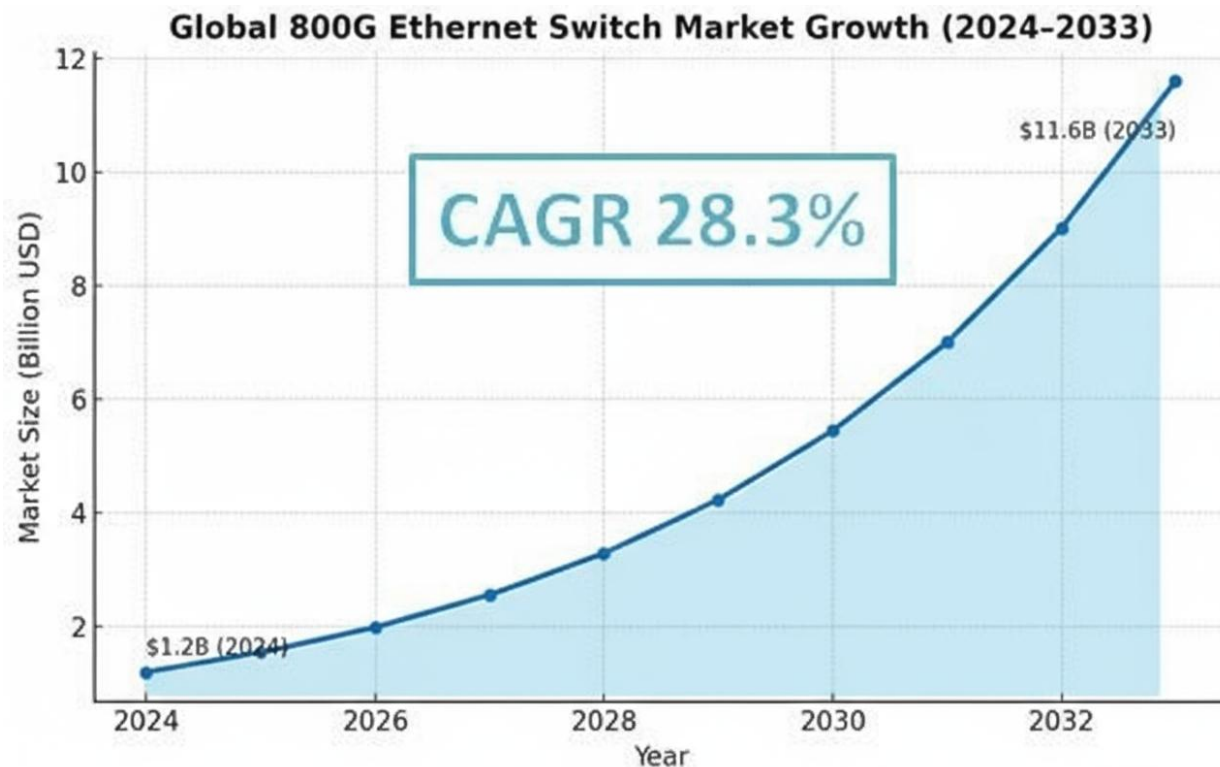
Cooling is Everywhere



SUNON®

800G Switch × AI Era

According to Market Intelo, the global 800G switch market size was about USD 1.2 billion in 2024 and is forecasted to reach USD 11.6 billion by 2033, growing at a CAGR of 28.3%. Rapid data center expansion and cloud computing adoption accelerate 800G switch upgrade.



Picture Source : Asterfusion Data Tech & Internet

SUNON®

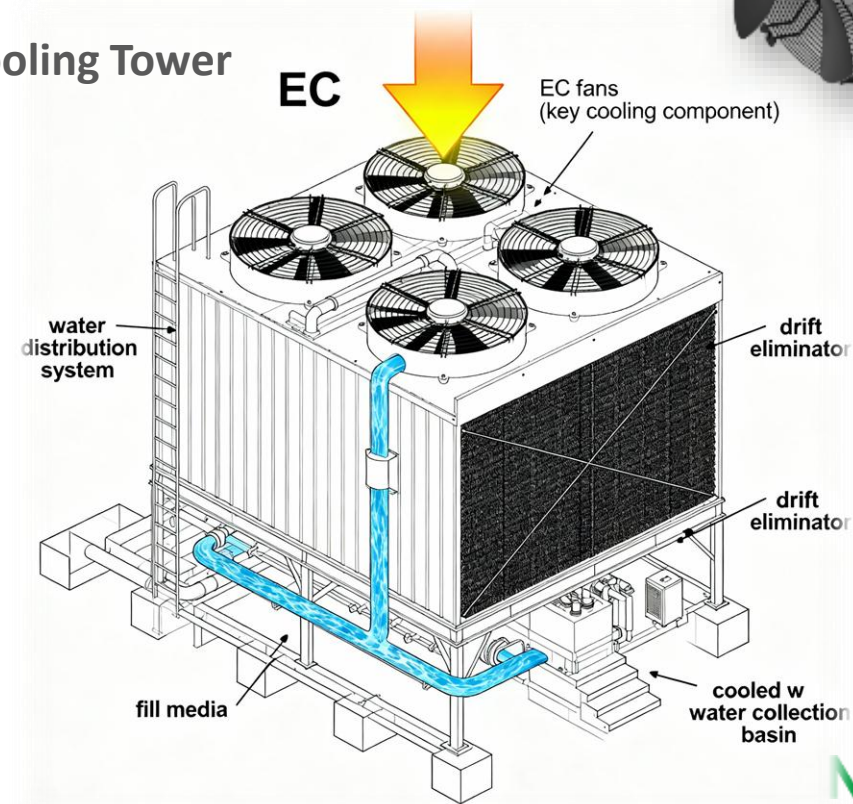
EC Fans Lead a New Standard for Energy Saving

Low noise operation, long lifespan & precise speed control .
High energy saving, up to 50-80% more efficient than traditional AC fans.
Applied in Data center, HVAC systems & Industrial machinery.



Picture Source : NOVENCO and Internet

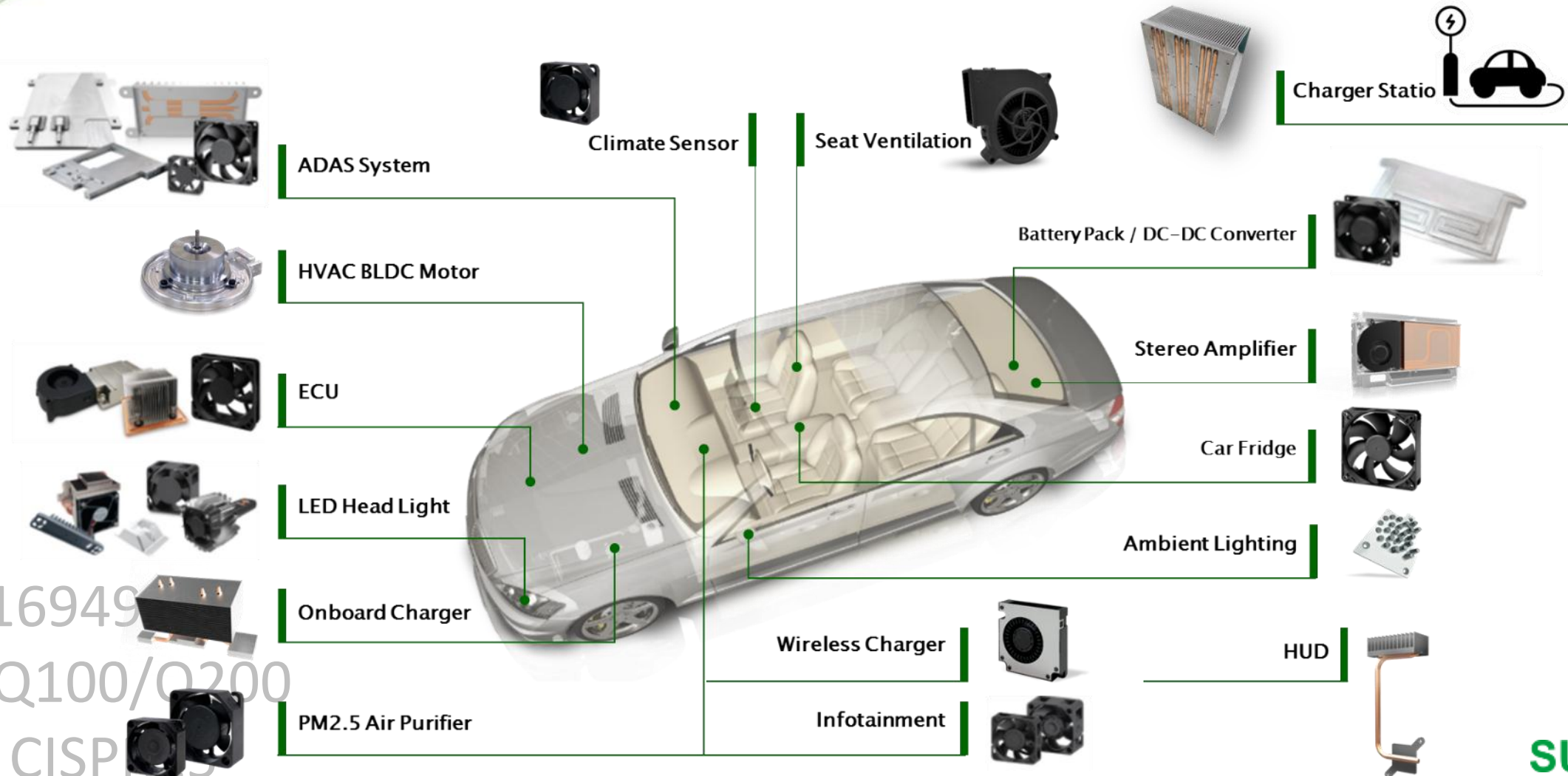
Cooling Tower



NON®

Electric Vehicles / Auto Cooling Solution

SUNON has more than 20 years of experience in cooling solutions for the automotive industry, and can provide various cooling fans, cooling modules and liquid cooling products that meet the quality standards of the automotive industry



IATF16949
AEC Q100/Q200
EMC CISPR11

SUNON

Net zero emissions by 2050

Energy Transition Business Opportunities

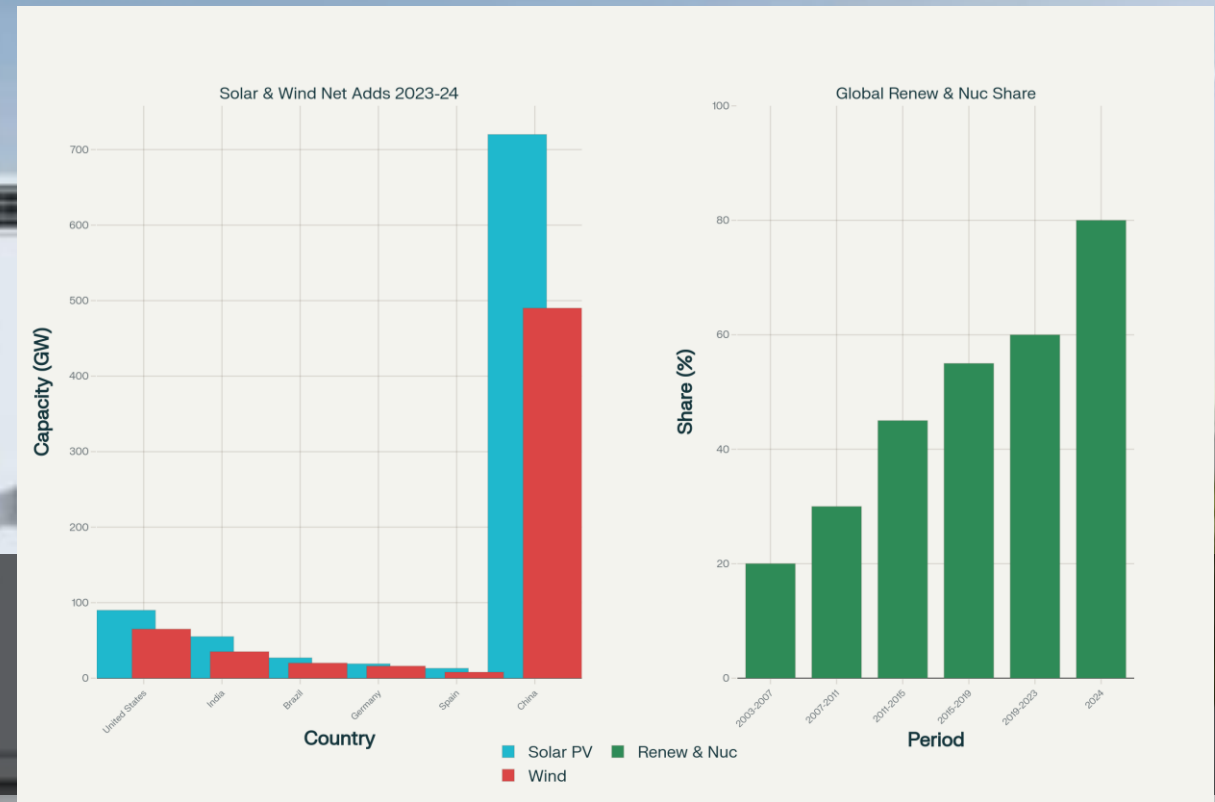
Having an excellent thermal system is the key to stably maintain the operation of energy storage systems. Selecting an optimal thermal solution ensures the operation stability and high system effectiveness, and it also minimizes unnecessary maintenance costs.

Energy
Harvesting

PV inverters
Enclosure cabinet equipment
EV charging systems

Energy
Storing

Energy storage systems
Battery containers,
packs and racks



Picture Source: TESLA

Source: IEA Global Energy Review 2025

SUNON

Renewable Energy Cooling Solution

SUNON is an important partner of global high-quality energy system cooling solutions, providing a full range of cooling solutions.

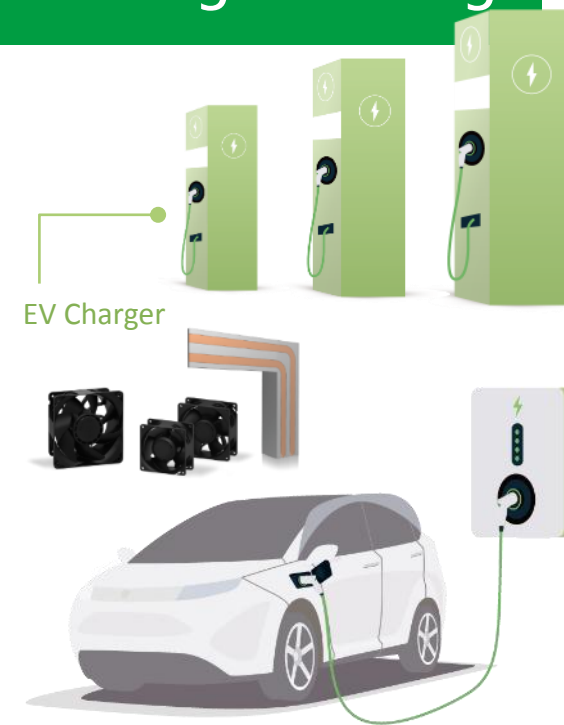
PV Inverter Cooling



ESS Cooling



EV Charger Cooling



SUNON®



Established
1980



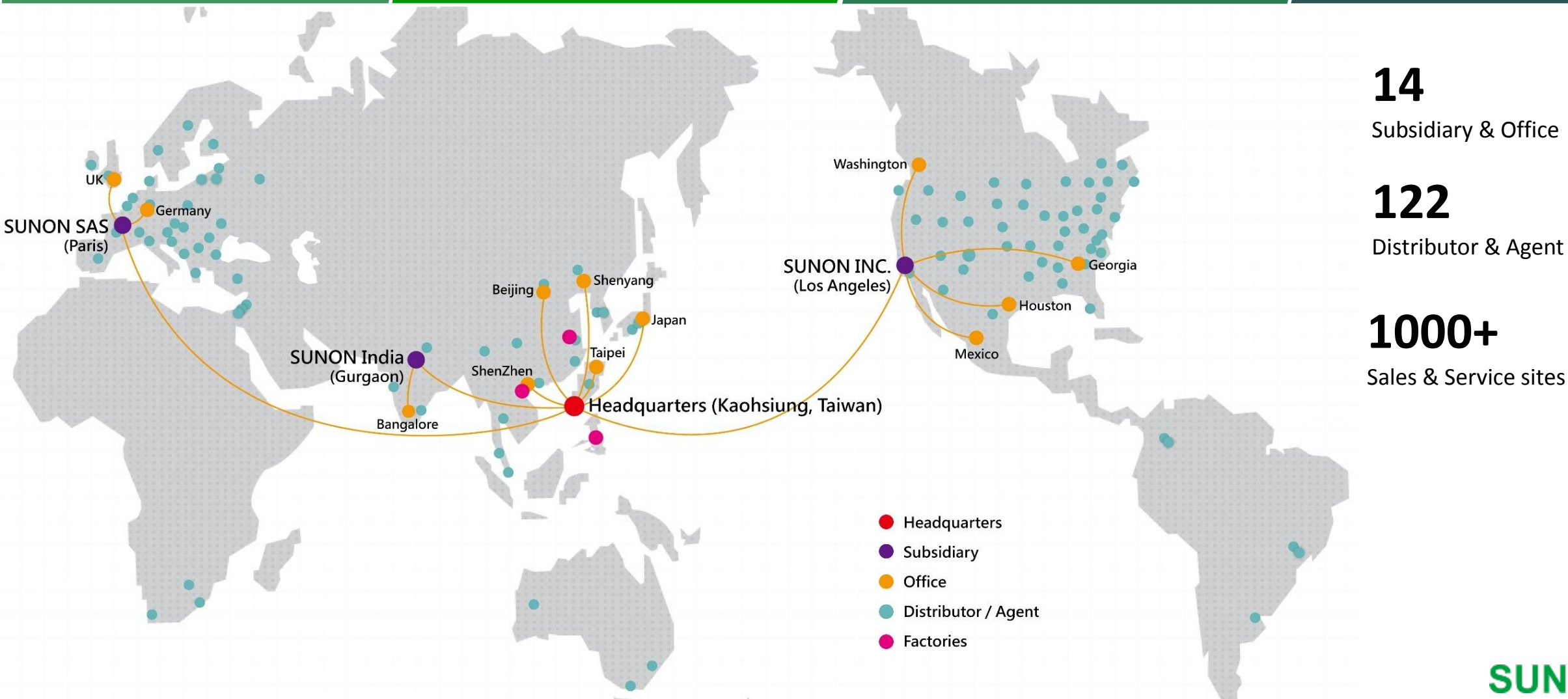
Employees
8420



Turnover (NTD)
14.6 B



Factories
5



SUNON®

Sufficient Capability

5 production bases

Cooling Fans

18.2 M pcs/month

Cooling Module

1.18 M sets/month



Kaohsiung, Taiwan
700K pcs /month



Beihai, Guangxi
(A Building 、 B Building)
Fans 7.2M pcs/month



Beihai, Guangxi
(C Building)
Fans 2.5M pcs/month



Kunshan, Jiangsu
5 M pcs/month(FAN)
1 M sets/month(CM)



Bataan, Philippines
2.8M pcs/month(FAN)
180K sets/month(CM)

SUNON®

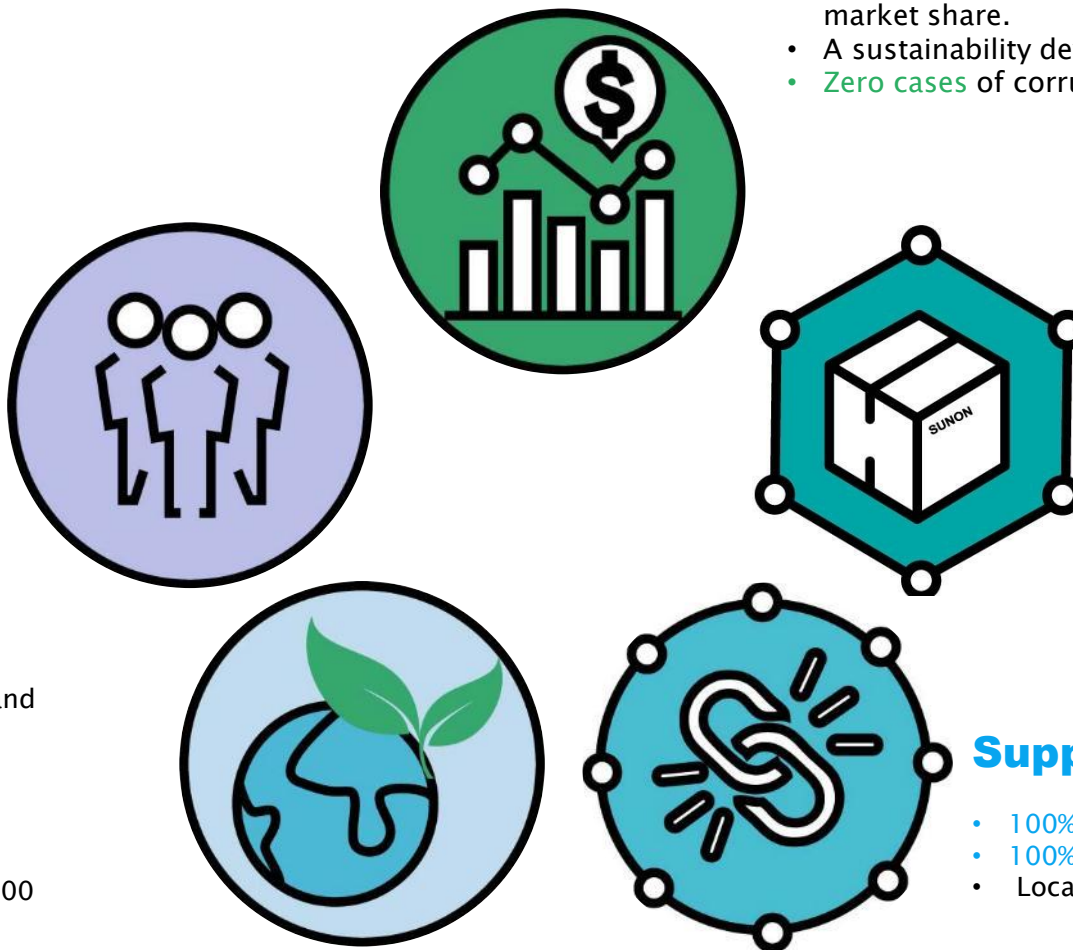
EGS Performance Highlights

Society

- Average employee training hours exceeded **48 hours** per year.
- Production bases in Taiwan and China have both passed ISO 45001 certification.
- Provided **care to 9,867 households** in the "Support and Care Campaign" from 2018 to 2023.

Environment

- Implemented **greenhouse gas inventory across** the entire group, and passed **third-party external verification**.
- The solar power generation of the Guangxing plant has exceeded **680,000 kWh**.
- Continuously passed IECQ QC 080000 certification each year.



Governance

- Net income reached **1.49 billion NTD**, a 12% increase from 2023.
- The Company ranks among the **top 3 leading brands** in terms of market share.
- A sustainability development committee has been established.
- **Zero cases** of corruption.

Products

- **Saved 532 million kWh** of electricity with product R&D. Reduced GHG emissions by 260,000 MTCO₂e.
- **100.0% pass** rate of hazardous substance inspection for three consecutive years from 2021 to 2023.
- Obtained **3,394 invention patents**.

Supply Chain

- **100%** pass rates for new suppliers audits .
- **100%** pass rates for annual supplier audits.
- Local procurement rates exceed **74%**.

SUNON®

Net Zero

Carbon Reduction

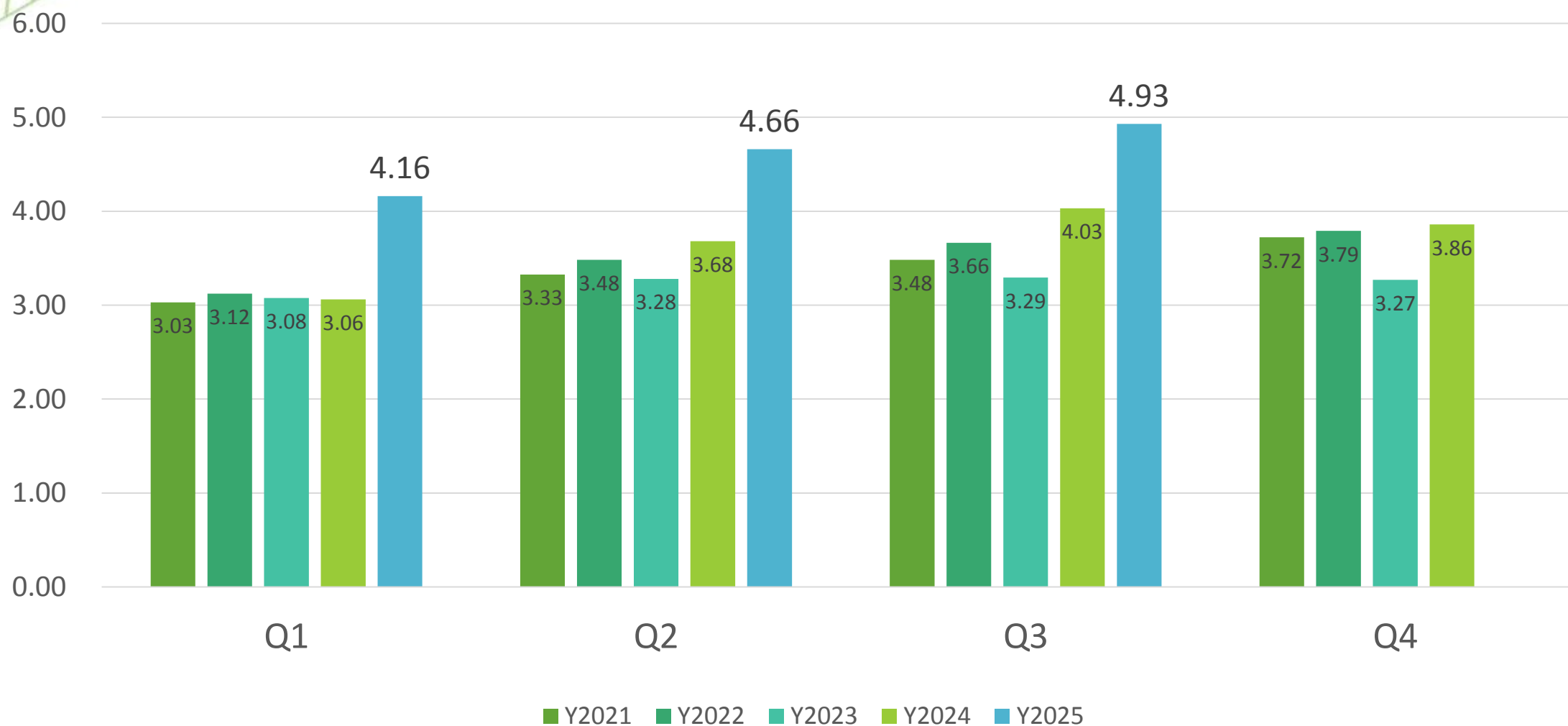
2030  50%
2050 **NET ZERO**



SUNON®

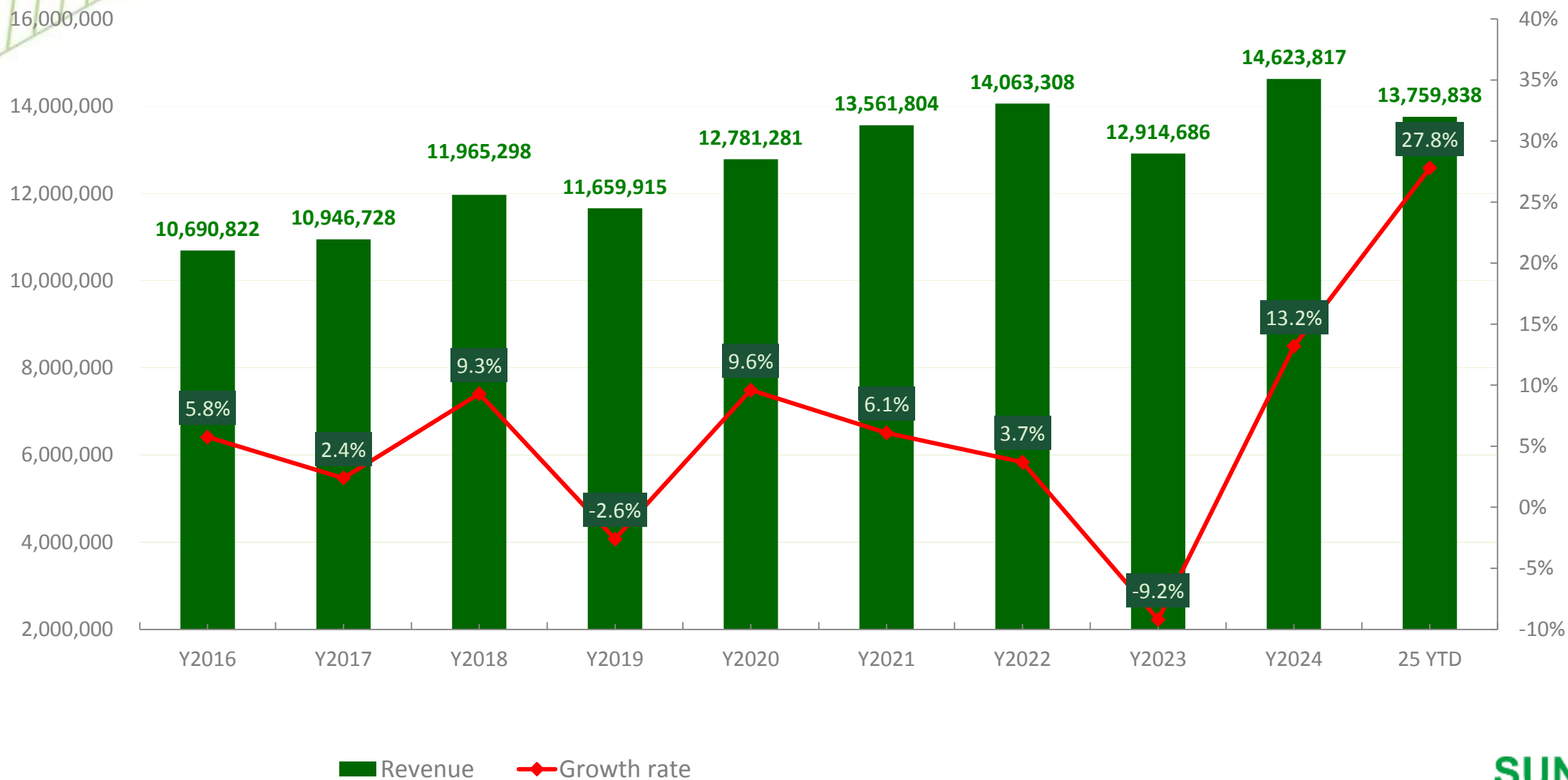
Quarterly Revenue

UNIT: NTD (B)



Revenue Performance

Unit: NT K



SUNON®

Quarterly Revenue in Server

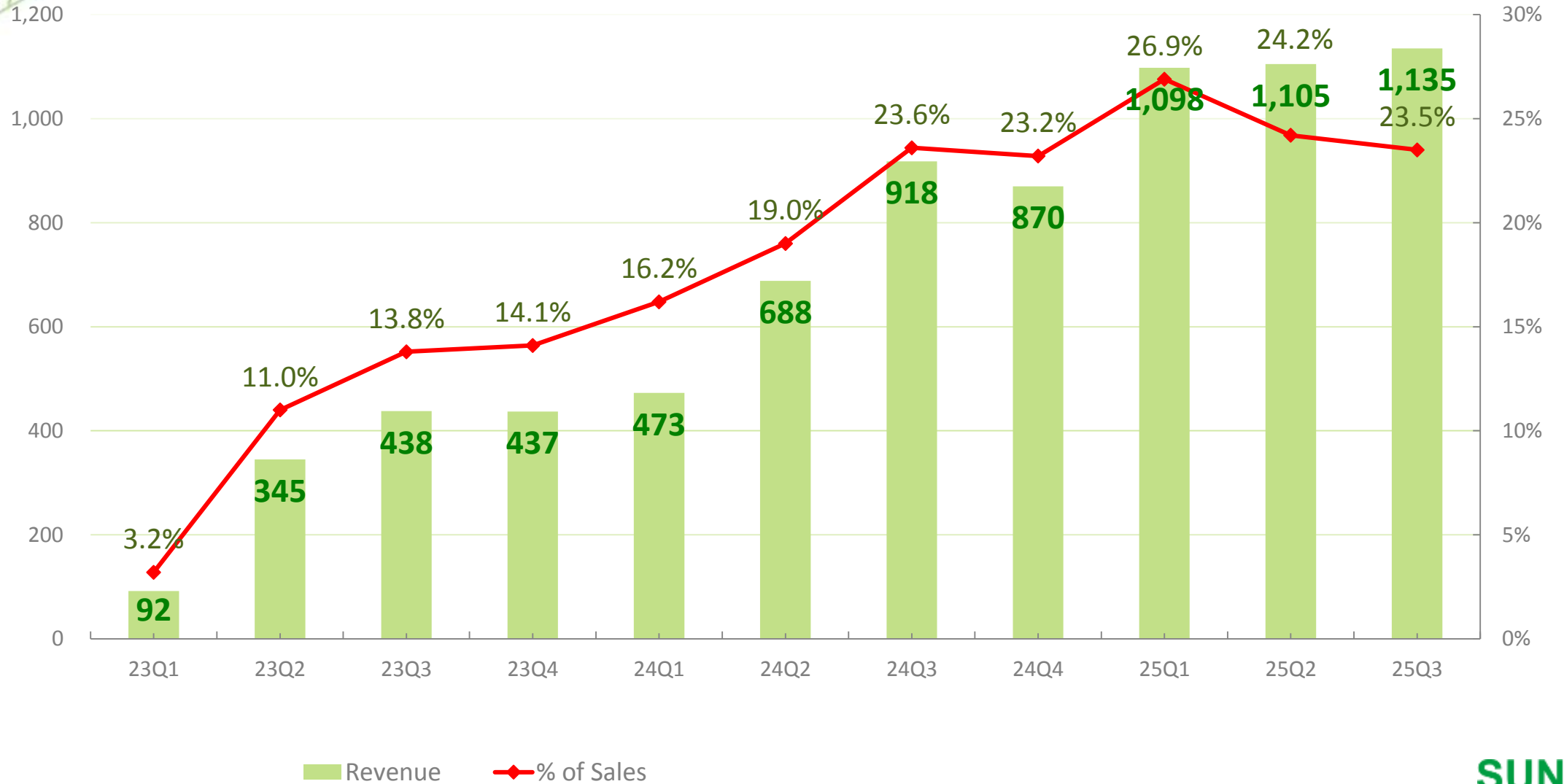
UNIT: NTD (M)



SUNON®

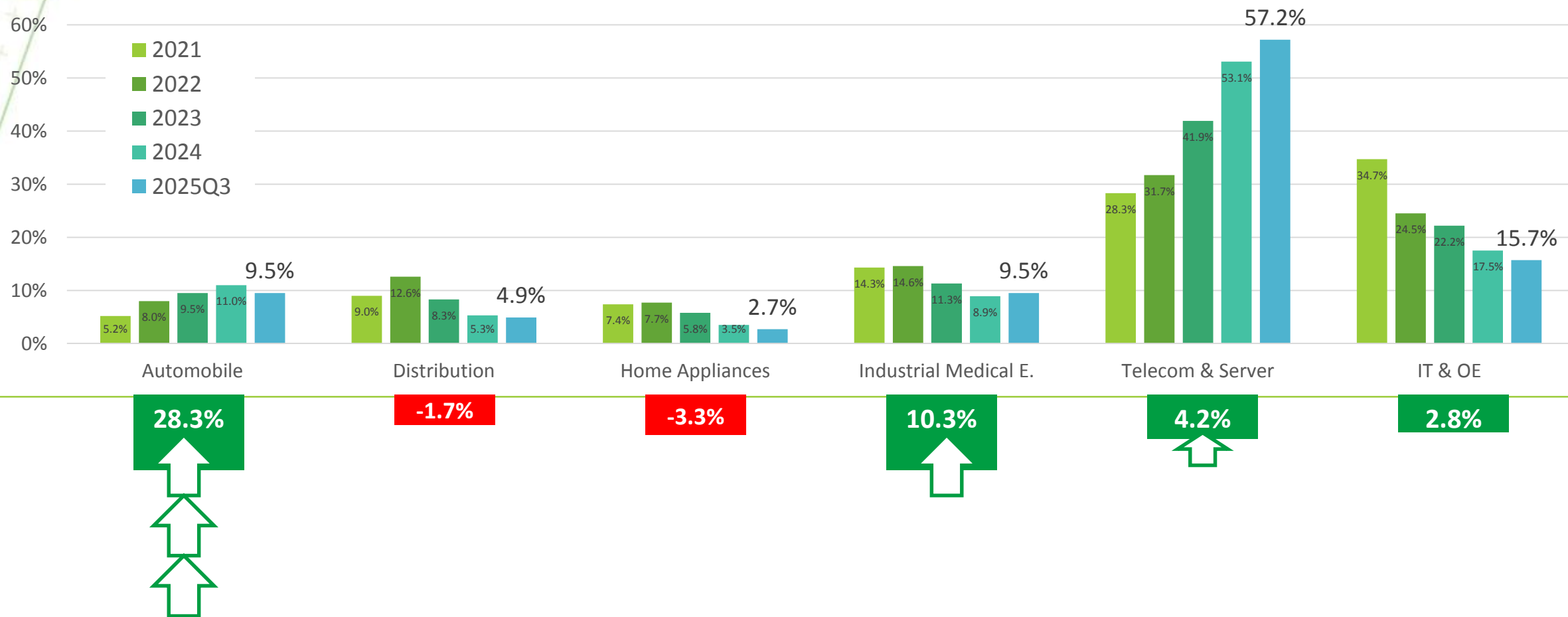
Quarterly Revenue in AI Server

UNIT: NTD (M)

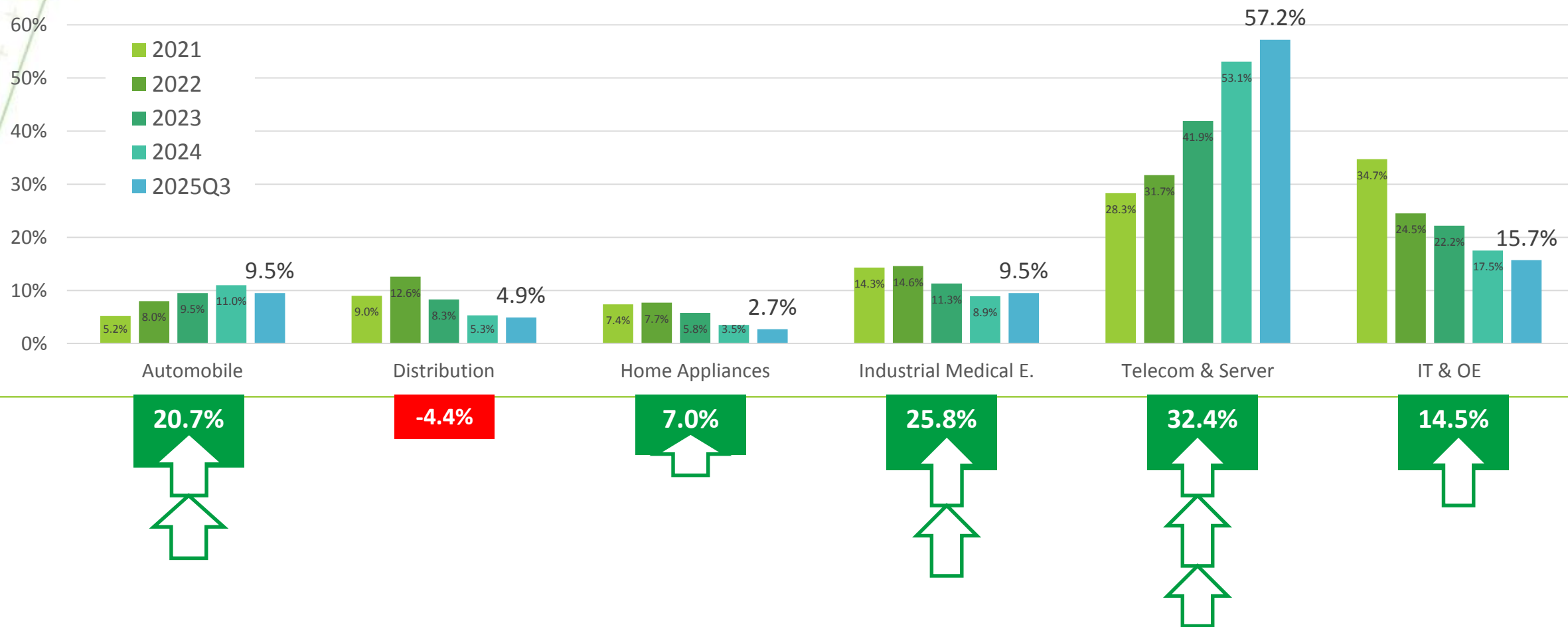


SUNON®

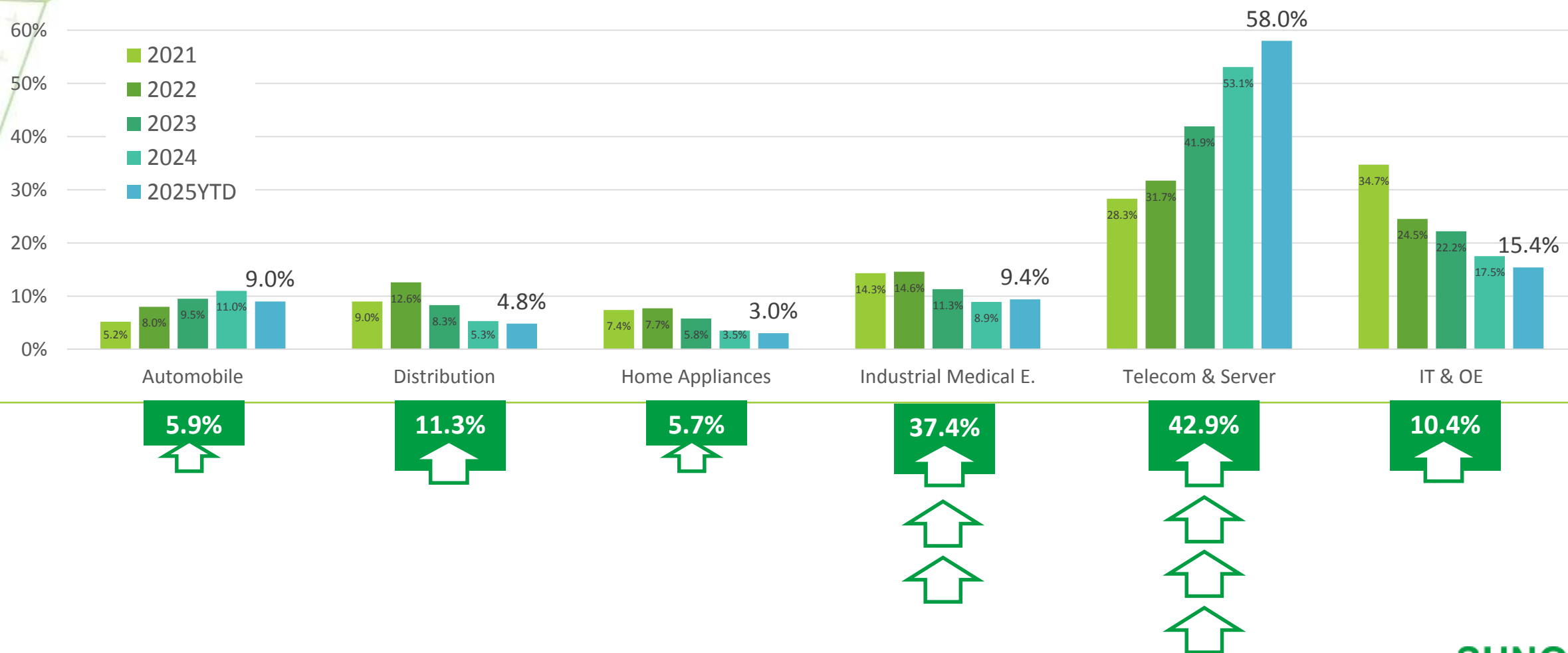
Products Application & QoQ Growth



Products Application & YoY Growth

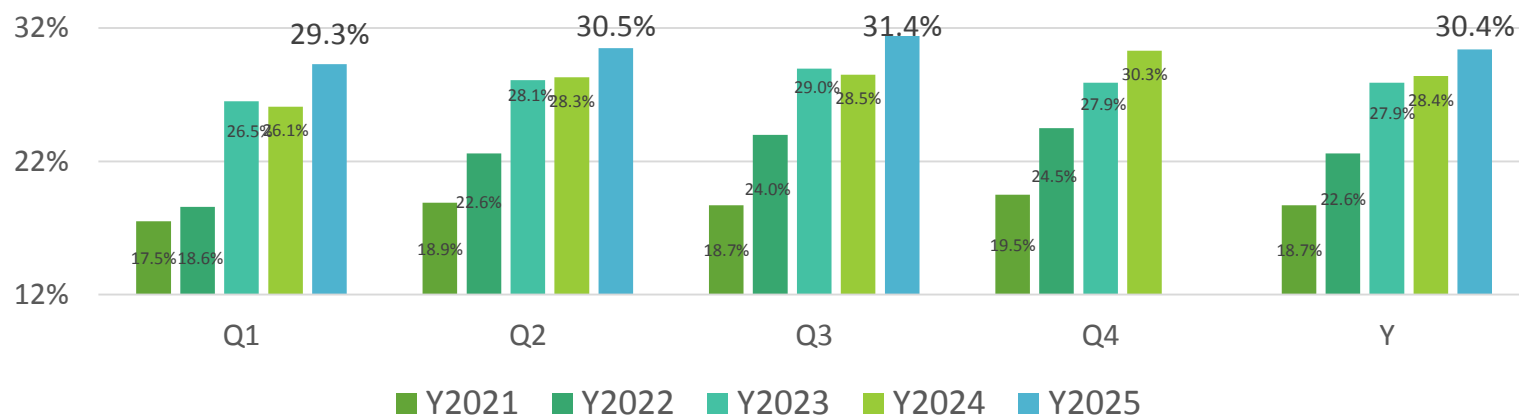


Products Application & YoY Growth

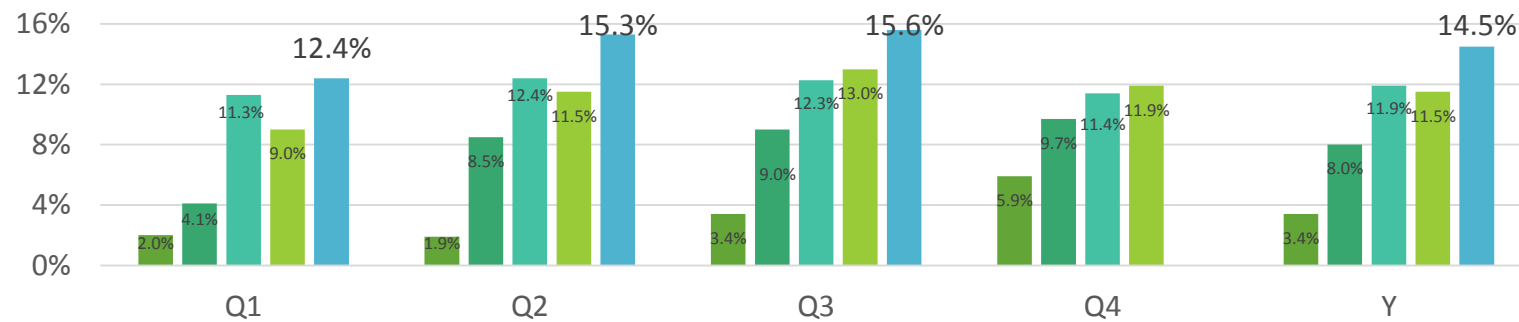


Profit Margin

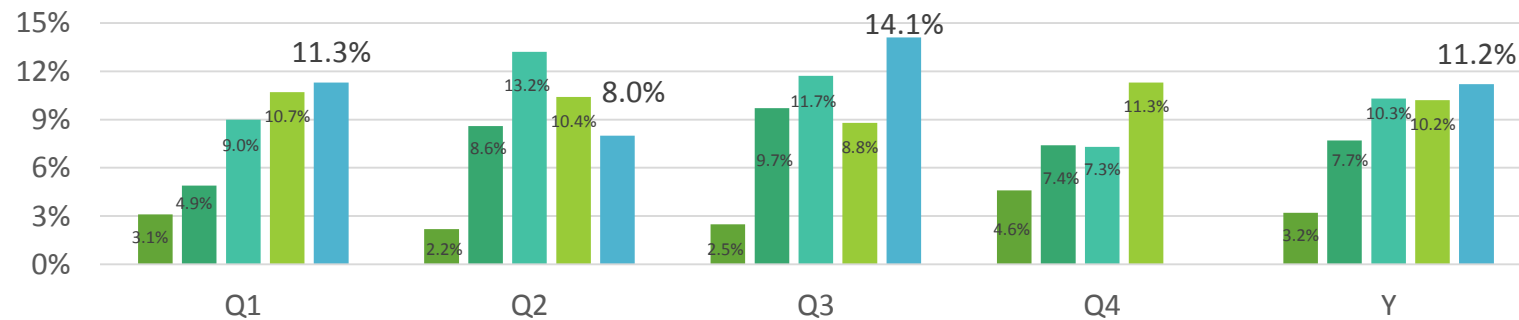
Gross Margin



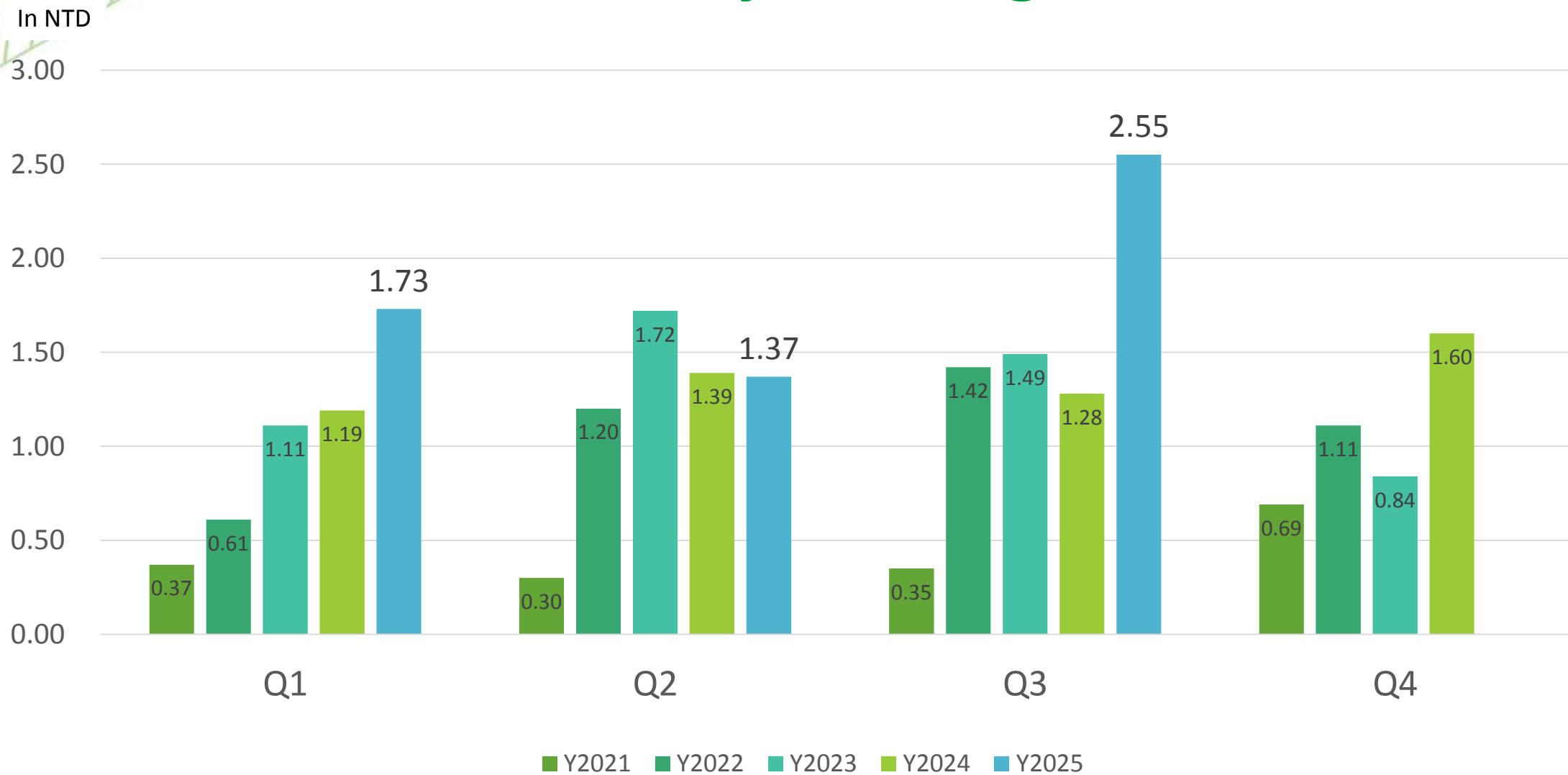
Operating Margin



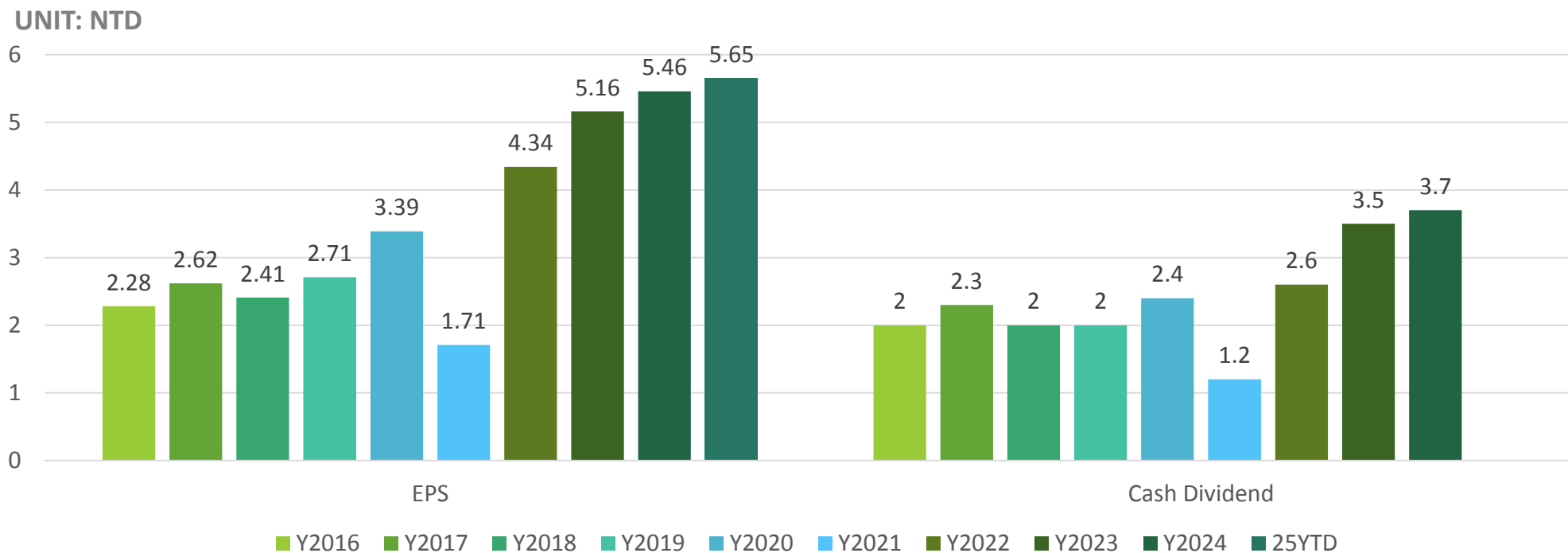
Net Margin



Quarterly Earning



Earning & Cash Dividend



	Y2015	Y2016	Y2017	Y2018	Y2019	Y2020	Y2021	Y2022	Y2023	Y2024
Payout Ratio	85%	88%	88%	83%	74%	68%	70%	60%	68%	68%

Financing Activity- Cash Capital Increase

- Number of New Shares Issued: 13,500,000 shares
(representing 4.9% of total outstanding shares)
- Par Value per Share: NT\$10
- Purpose of Funds: To repay bank loans and reinforce working capital

Appendix I

CONSOLIDATED BALANCE SHEETS					
NT\$ M	2025.9.30	2024.12.31	2024.9.30	Change(%)	
				vs. 2024.12.31	vs. 2024.9.30
TOTAL ASSETS	15,414	14,998	14,113	2.8%	9.2%
Cash	3,901	4,678	3,998	-16.6%	-2.4%
A/R, N/R	5,277	4,103	4,137	28.6%	27.6%
Inventories	2,199	2,181	2,091	0.8%	5.2%
PP&E	2,608	2,461	2,363	6.0%	10.4%
TOTAL LIABILITIES	7,308	7,078	6,661	3.2%	9.7%
Short-term loans	364	928	1,079	-60.8%	-66.3%
A/P	4,320	3,435	3,171	25.8%	36.2%
Long-term loans	386	478	506	-19.2%	-23.7%
TOTAL EQUITY	8,106	7,920	7,452	2.3%	8.8%
Days sales outstanding	93	90	92		
Days sales of inventory	63	74	73		
Current Ratio	1.84	1.88	1.87		

Appendix II

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME						
NT\$ M	2025 Q3	2024 Q3	2025 YTD	2024 YTD	YOY(%)	
					2025Q3	2025YTD
OPERATING REVENUES	4,934	4,031	13,760	10,768	22.4%	27.8%
GROSS PROFIT	1,546	1,148	4,187	2,987	34.7%	40.2%
OPERATING EXPENSES	777	626	2,188	1,770	24.1%	23.6%
INCOME FROM OPERATIONS	769	522	1,999	1,217	47.3%	64.3%
NON-OPERATING INCOME AND EXPENSES	130	-70	-4	204	-285.7%	-102.0%
INCOME BEFORE INCOME TAX	899	452	1,995	1,420	98.9%	40.5%
NET INCOME attribute to owners	694	349	1,541	1,055	98.9%	46.1%
EPS (NT\$)	2.55	1.28	5.65	3.86		
Gross Margin	31.4%	28.5%	30.4%	27.7%		
Operating Margin	15.6%	13.0%	14.5%	11.3%		
Net Margin(*)	14.1%	8.8%	11.2%	9.8%		

(*)Net Margin=Net Income attribute to owners / Revenue



Thanks

for Your Attention !



WWW.SUNON.COM

SUNON®