

Advancing Industrial Technology For A Better World



2003
Founded



USD 4.24 billion
Sales revenue in 2023

32%
Year-on-year growth



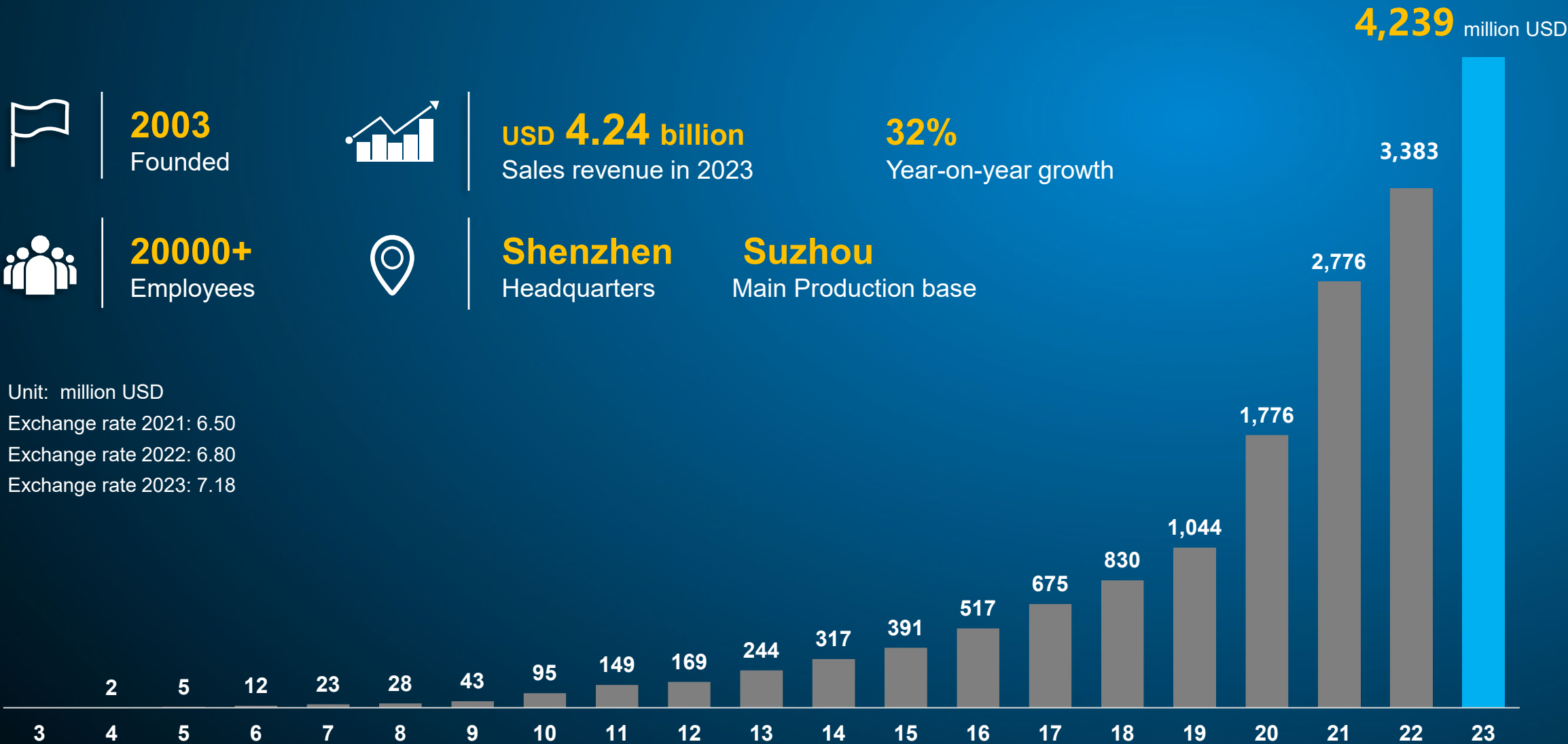
20000+
Employees



Shenzhen
Headquarters

Suzhou
Main Production base

Unit: million USD
Exchange rate 2021: 6.50
Exchange rate 2022: 6.80
Exchange rate 2023: 7.18





Industrial Automation

PLC and Controller
LV & MV VFD
Servo System
PM Motor
Encoder and Sensor
Industrial Vision

↑ 24%

USD 2,090 Million



Intelligent Elevator

Elevator Control Station
2 in 1 Elevator Inverter
Communication Board
Elevator HMI
Cable and Button
Door System

↑ 3%

USD 738 Million



New Energy Vehicle

3 in 1 E-Axle
Electronic Powertrain
Hybrid Reluctance Motor
Onboard Charger
DCDC
Wireless Charger

↑ 80%

USD 1310 Million



Industrial Robot

6-axis Robot
SCARA Robot
Delta Robot
Teaching Pendant
Robot Control System
Ball Screw

↑ 43%

USD 110 Million



Rail Transit

Traction Inverter
PM Motor
Hybrid Reluctance Motor
TMS Traction System

↑ 20%

USD 77 Million

Production Base



Factory in Hungary
Founded in: 2022



Factory in India Mexico
Founded in: 2012



Subsidiary: SBC, Korea
Acquisition: 2023

Suzhou



Super manufacturing base

Yueyang



Servo system

Changzhou




Combined power system

Nanjing



Industrial robotics

Xi'an



Energy

Jinan

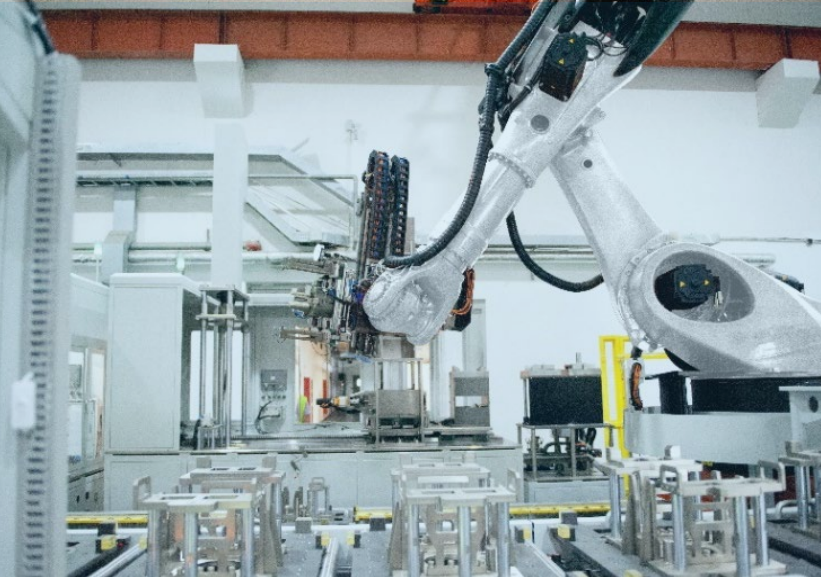


Engineering transmission & Frequency Drive



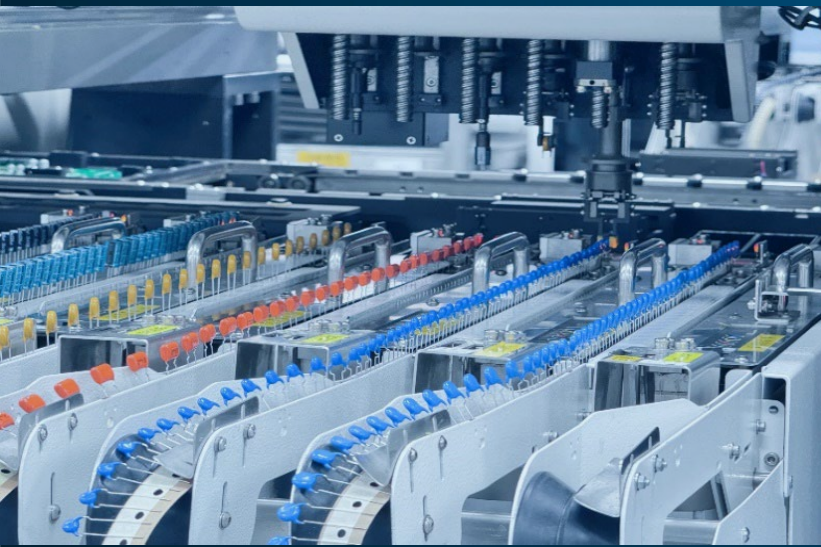
INOVANCE subsidiary and office

Service agent



Automatic assembly line

SMT/Plug in/Coating/PCBA Test/Aging Test



Focused on product and technology

R&D



6

R&D centers
Shenzhen, Suzhou, Xi'an,
Milan (Italy)
Stuttgart (Germany)

USD **366** million

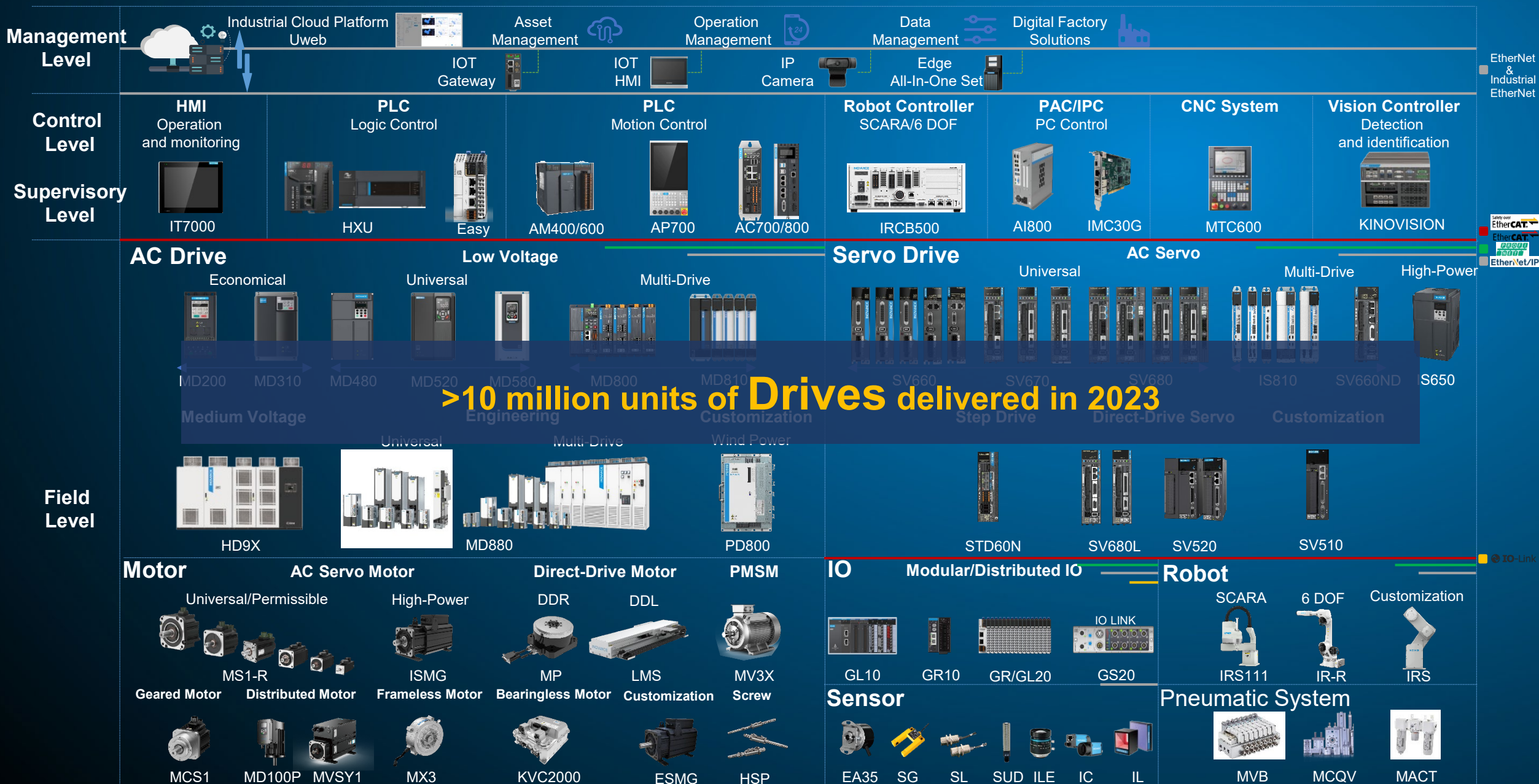
Investment in R&D
Percentage of sales
revenue:
8.6%

5,482

Developers
Percentage to all
employees:
23%

3,297

Patents and
software
copyrights



Inovance Design Evolution

2012



2022



Frequency Converter Family

Low voltage Drive Series

Compact drive: MD200/MD310/MD600

Standard drive: MD290/MD520/MD580

Multi drive: MD800/MD810/MD880

Voltage

1/3P 200~240V

3P 380~480V

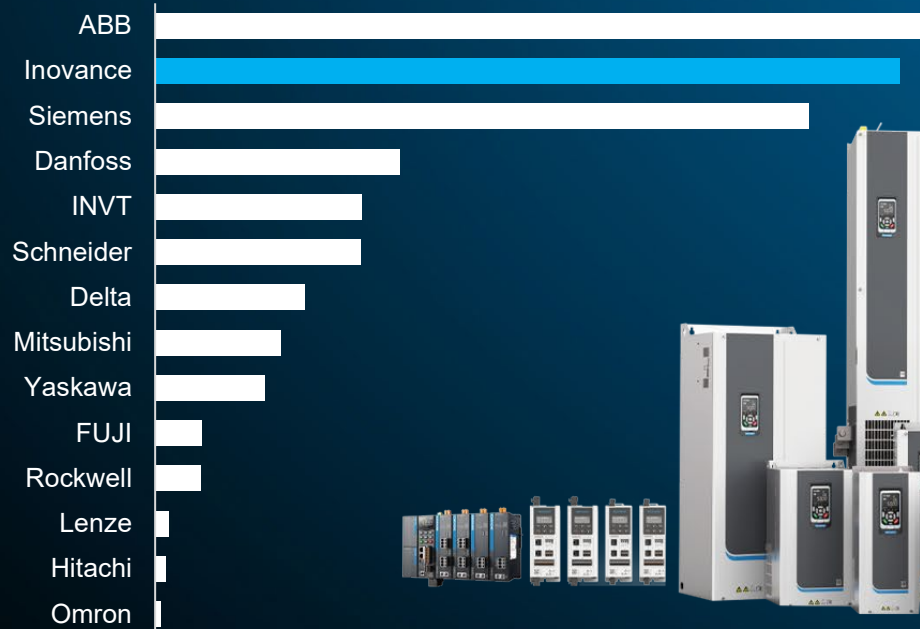
3P 690V

Power Rating

LV Single Drive: 0.2KW ~ 630KW

Multi Drive: 0.4kW ~ 5.6MW

LV AC drive market share of 2023 in China



Frequency Converter Family

Low voltage Drive Series

Compact drive: MD200/MD310/MD600

Standard drive: MD290/MD520/MD580

Multi drive: MD800/MD810/MD880

Voltage

1/3P 200~240V

3P 380~480V

3P 690V

Power Rating

LV Single Drive: 0.2KW ~ 630KW

Multi Drive: 0.4kW ~ 5.6MW

LV AC drive market share of 2023

NO.2

Market Share 17.0%



Frequency Converter Family

Medium voltage Drive Series	Voltage	Power Rating
Compact Drive: HD9XS/HD9XT	3kv--11kv	250KVA---13750KVA

MV AC drive market share of 2023 in China



* From China's MIR report

Frequency Converter Family

Medium Voltage Drive Series

Compact Drive: HD9XS/HD9XT

Voltage

3kv--11kv

Power Rating

250KVA---13750KVA

MV AC drive market share of 2023

NO.1

Market Share 15.9%



Servo System Family

Servo Drive

Series: SV680/SV670/SV660/IS810
Voltage: 1/3ph 200~240V, 3ph 380~480V
Power Range: 30W~110kW

Servo Motor

Torque Range: 0.093Nm~10500Nm
Speed Range: 50rpm~3000rpm

DD Motor

DDL: 18~900N
DDR: 3~185Nm

Servo system market share of 2023 in China



* From China's MIR report



Servo System Family

Servo Drive

Series: SV680/SV670/SV660/IS810
Voltage: 1/3ph 200~240V, 3ph 380~480V
Power Range: 30W~110kW

Servo Motor

Torque Range: 0.093Nm~10500Nm
Speed Range: 50rpm~3000rpm

DD Motor

DDL: 18~900N
DDR: 3~185Nm

Servo system market share of 2023 in China

NO.1

Market Share 28.2%



Controller Family

Controller

Small size: H1U/H3U/H5U/Easy series

Software : Autoshop

Medium size:AM400/600 AC700/800 AM300/500

Software : Inoproshop (Codesys)

IPC(Codesys-based—PC tool:AutoStudio):AI900/HP800

HMI

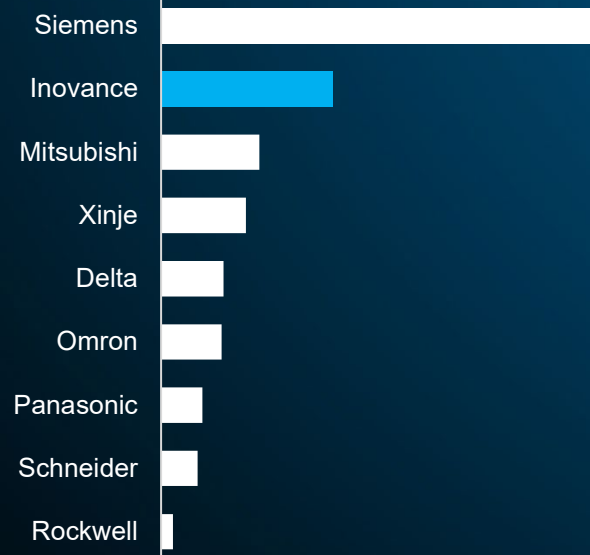
IT7000 series : different variant with size 4/7/10/15 inch

ITS7000 series: different variant with size 7/10 inch

IO system

GL20/GR20/GS20/GE20/GL10/GR10

Compact PLC market share of 2023 in China



Controller Family

Controller

Small size: H1U/H3U/H5U/Easy series

Software : Autoshop

Medium size:AM400/600 AC700/800 AM300/500

Software : Inoproshop (Codesys)

IPC(Codesys-based—PC tool:AutoStudio):AI900/HP800

HMI

IT7000 series : different variant with size 4/7/10/15 inch

ITS7000 series: different variant with size 7/10 inch

IO system

GL20/GR20/GS20/GE20/GL10/GR10

Compact PLC market share of 2023

NO.2

Market Share 15.3%



Robot Family

SCARA Robot

Bearing Weight: 4kg – 50 kg

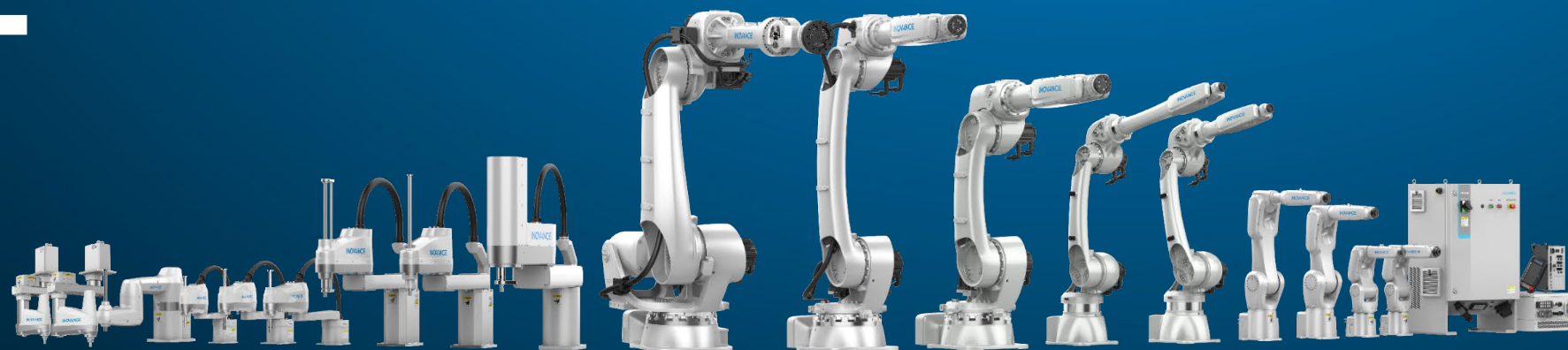
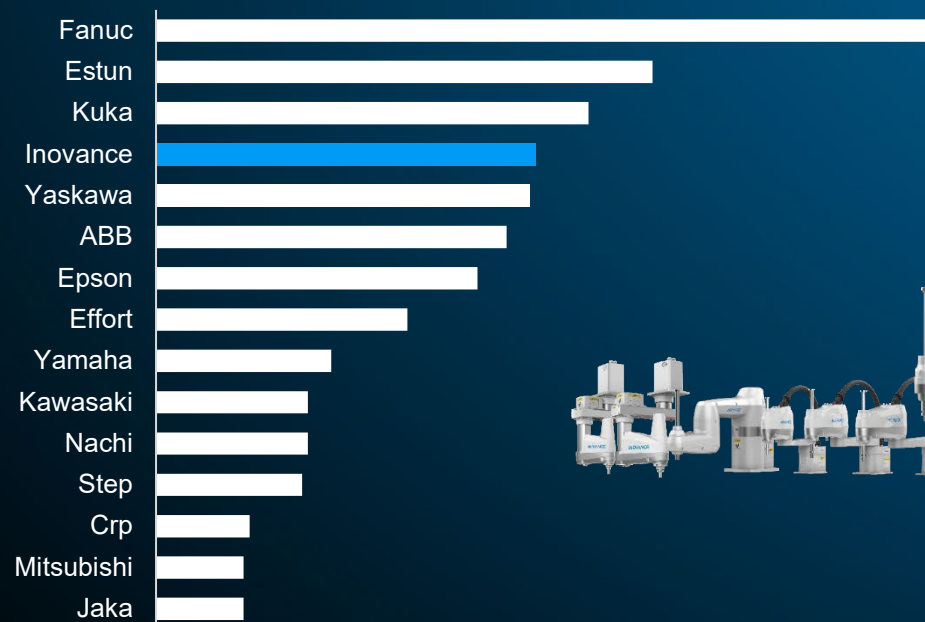
Arm Length: 350mm – 1200mm

6-Axis Robot

Bearing Weight: 4kg – 220 kg

Arm Length: 546mm – 3096mm

Robot market share of 2023 in China



* From China's MIR report

Robot Family

SCARA Robot

Bearing Weight: 4kg – 50 kg

Arm Length: 350mm – 1200mm

6-Axis Robot

Bearing Weight: 4kg – 220 kg

Arm Length: 546mm – 3096mm

Industrial Robot market share of 2023

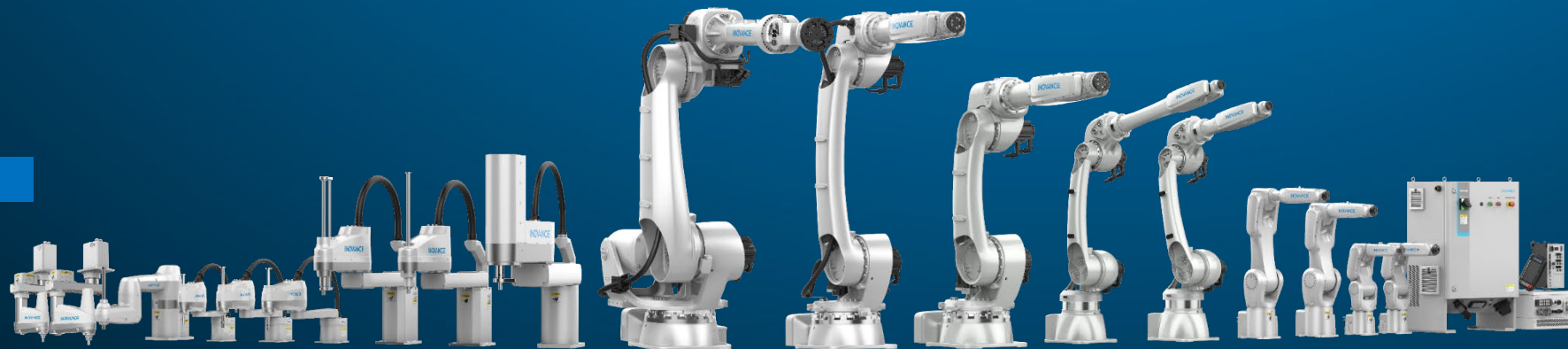
NO.4

Market Share 6.5%

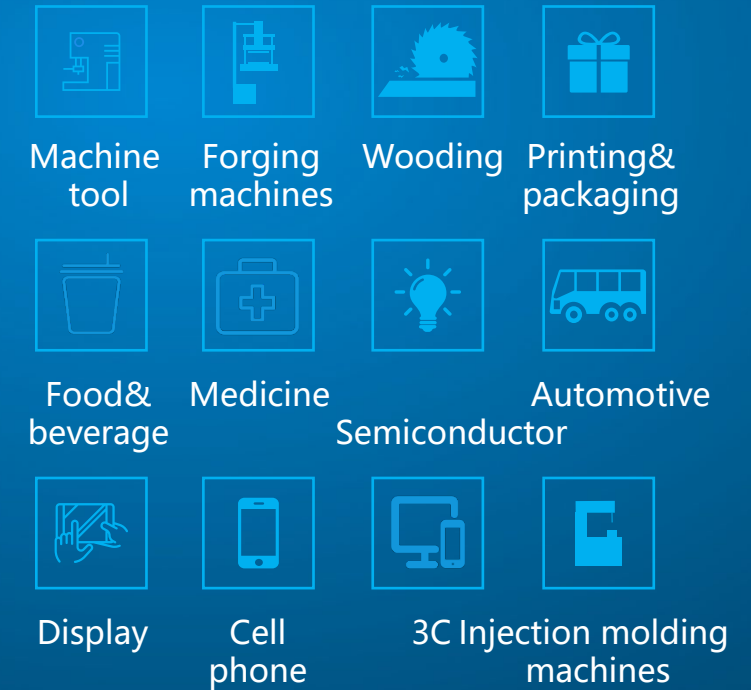
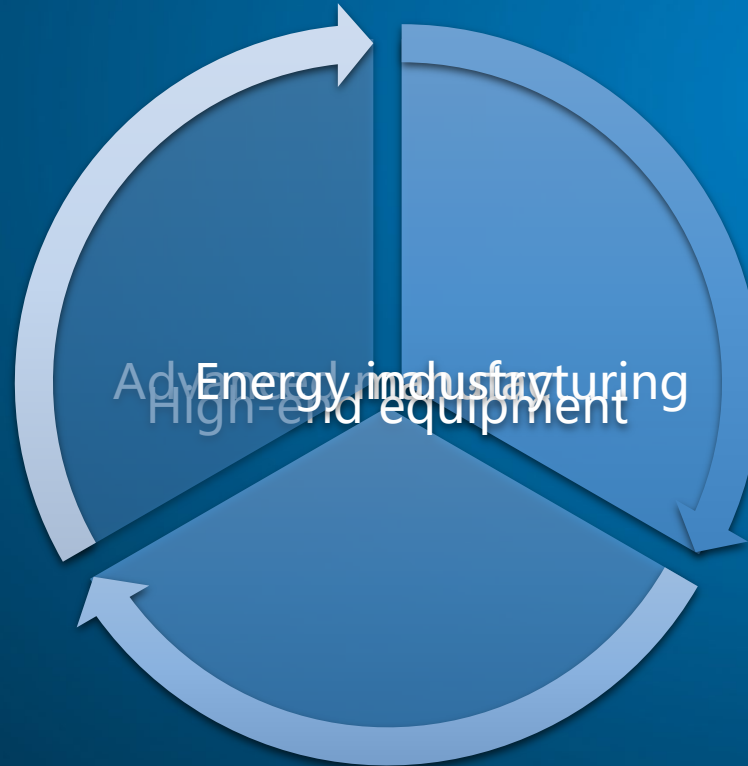
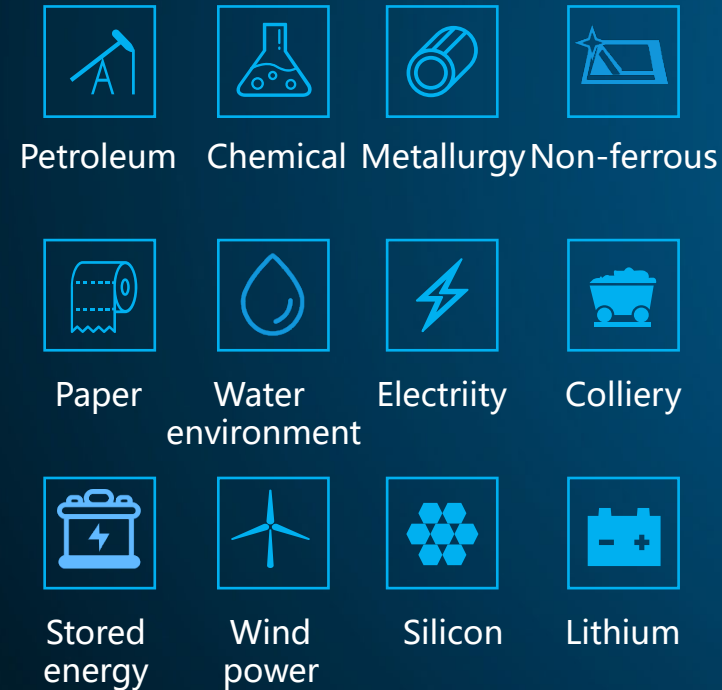
SCARA Robot market share of 2023

NO.1

Market Share 20.8%



Solutions covering 40+ Industries



Special Design for Vertical Industry



Elevator



Crane



Injection Molding Machi



Textile



Machine Tool



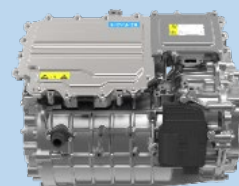
Chiller



Air Compressor



Air Conditioner for EV



E-axis for EV



Water Pump



Vacuum Pump



Ceramics



Lithium Battery



Energy Storage



Photovoltaic Inverter

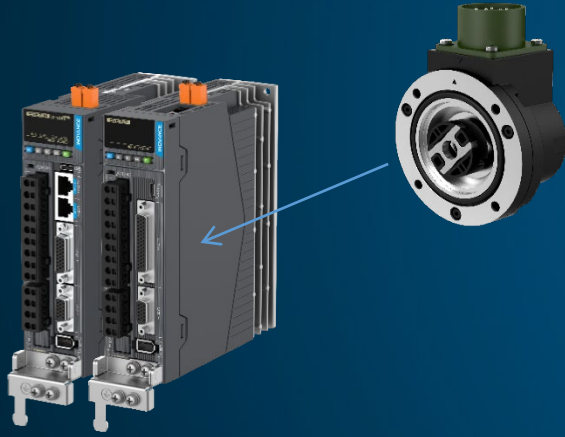


Wind Turbine



Shore Power

Leading Technology



SV680 servo system:

26-bit resolution

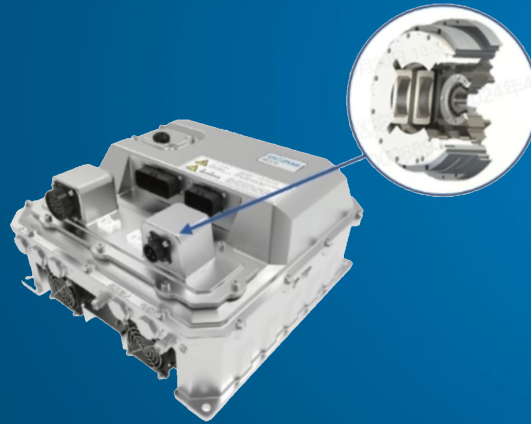
Technical advantages:

Repetition accuracy of ± 1 arc seconds

Absolute accuracy of ± 15 arc seconds

Communication speed of 4M Baud Rate

Resistant to ambient temperature 105°C



Magnetic Levitation Technology:

KC2000 Series Magnetic Bearing Controller

KM200 Series Magnetic Levitation Motor

Technical advantages:

Friction-free, ISO class 0 oil-free (highly efficient, low noise and environmentally friendly)



Synchronous reluctance motor:

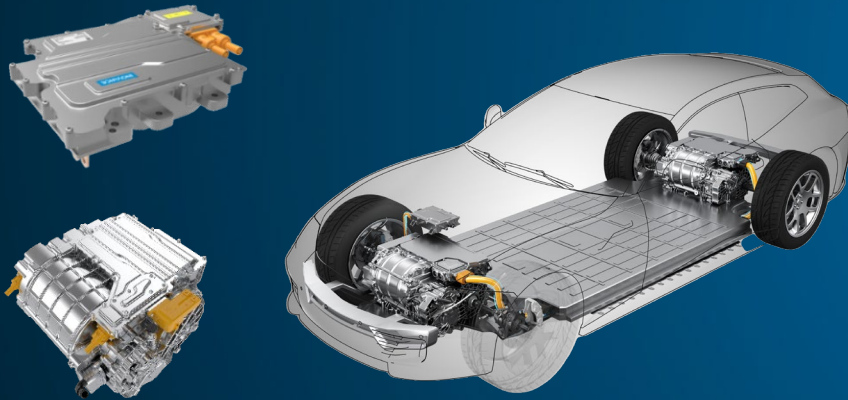
Permanent magnet assisted synchronous reluctance motor

Pure reluctance motor

Technical advantages:

ECO Design, high efficiency, fast response, suitable for GP application, low temperature rise, high reliability and easy maintenance

Leading Technology



Silicon Carbide Drive Technology

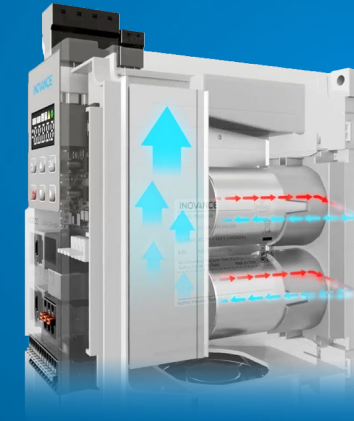
Product - Gen-4 E-axle

High Efficiency, High Performance , Better NVH

High EMC level, Asil D and High flexibility

Product - Inverter PD40

Flat design, strong compatibility, strong output capability, High EMC level, Asil D and High flexibility



Thermosyphon Technology

Compact Design

The volume is 30-50% smaller than the last version

Lower Cost

The cooling cost is $\geq 10\%$ -15% lower than the last version

Lower Weight

The weight is $\geq 30\%$ lower than the last version

Develop an Industrial Ecology with Top Customers



Inovance Global



Marketing



With subsidiaries and branches around the world, our products have shown presence in Turkey, Germany, Spain, Italy, France, Hungary, Korea, Vietnam, Malaysia, India. and so on.

Hungary production base--our first overseas supply chain manufacture center--will be the first step to guarantee the Glocalization strategy of Inovance.

- INOVANCE subsidiary and office
- Service agent

Service Network

Service

26 Service Agents

Coverage regions:

Southeast Asia (13): Vietnam, Philippines, Thailand, Indonesia, Myanmar, Malaysia, Japan

South Asia (3): Bangladesh

Middle East (2): Turkey

China (3): Hong Kong, China (2), Taiwan, China

North America (2): Mexico (Guadalajara)

South America (2): Colombia, Brazil

Africa (2) : Giza, Cairo

5 Spare Part Centres

Coverage regions:

Spain, Turkey, India, Vietnam, Germany

2 Maintenance Agents

Coverage regions:

India, Turkey

EHS Certification

Certificate CN19/20808

The management system of

Suzhou Inovance Technology Co., Ltd.

Unified Social Credit Code: 9132050678343007N
Business Registration Address: No. 16, Youxiang Road, Yueli Town, Wuzhong District, Suzhou City, Jiangsu Province
Business Operation Address: No. 52, Tian'e Road, Taihu Town, Wuzhong District Economic Development Zone, Suzhou City, Jiangsu Province, P.R. China
has been assessed and certified as meeting the requirements of
ISO 45001:2018
For the following activities
Design and manufacturing of permanent magnet synchronous motors (including servo motors), Integrated Elevator Controllers (including matched displaying monitors and wireless repeaters), High performance inverters (including Alternating Current / Direct Current chargers), High performance servo drives (including matched Programmable Logic Controllers, Human Machine Interface and Electro-Hydraulic servo drives), high-voltage Alternating Current Drives
Manufacturing of Photovoltaic Grid-connected Inverters

This certificate is valid from 15 July 2023 until 14 July 2025 and remains valid subject to satisfactory surveillance audits.

Issue 3, Certified since 23 May 2019
Certified activities performed by additional sites are listed on subsequent pages.

Authorised by
Jonathan Hall - Certification Services
SGS United Kingdom Ltd
Reasmore Business Park, Ebbw Vale Port, Chepstow, CH65 3EN, UK
t+44 (0)151 555-6956 - www.sgs.com

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Page 1 of 2

ISO 45001

Certificate CN19/20808, continued

Suzhou Inovance Technology Co., Ltd.

Unified Social Credit Code: 9132050678343007N
Business Registration Address: No. 16, Youxiang Road, Yueli Town, Wuzhong District, Suzhou City, Jiangsu Province
Business Operation Address: No. 52, Tian'e Road, Taihu Town, Wuzhong District Economic Development Zone, Suzhou City, Jiangsu Province, P.R. China
Design and manufacturing of Integrated Elevator Controllers (including matched displaying monitors and wireless repeaters), High performance inverters (including Alternating Current / Direct Current chargers), High performance servo drives (including matched Programmable Logic Controllers, Human Machine Interface and Electro-Hydraulic servo drives), high-voltage Alternating Current Drives
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Page 2 of 2

Certificate CN13/20446

The management system of

Suzhou Inovance Technology Co., Ltd.

Unified Social Credit Code: 9132050678343007N
Business Registration Address: No. 16, Youxiang Road, Yueli Town, Wuzhong District, Suzhou City, Jiangsu Province
Business Operation Address: No. 52, Tian'e Road, Taihu Town, Wuzhong District Economic Development Zone, Suzhou City, Jiangsu Province, P.R. China
has been assessed and certified as meeting the requirements of
ISO 14001:2015
For the following activities
Design and manufacturing of permanent magnet synchronous motors (including servo motors), Integrated Elevator Controllers (including matched displaying monitors and wireless repeaters), High performance inverters (including Alternating Current / Direct Current chargers), High performance servo drives (including matched Programmable Logic Controllers, Human Machine Interface and Electro-Hydraulic servo drives), high-voltage Alternating Current Drives
Manufacturing of Photovoltaic Grid-connected Inverters

This certificate is valid from 12 June 2023 until 22 May 2025 and remains valid subject to satisfactory surveillance audits.

Issue 5, Certified since 22 May 2013
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Reasmore Business Park, Ebbw Vale Port, Chepstow, CH65 3EN, UK
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Page 1 of 2

ISO 14001

Certificate CN13/20446, continued

Suzhou Inovance Technology Co., Ltd.

Unified Social Credit Code: 9132050678343007N
Business Registration Address: No. 16, Youxiang Road, Yueli Town, Wuzhong District, Suzhou City, Jiangsu Province
Business Operation Address: No. 52, Tian'e Road, Taihu Town, Wuzhong District Economic Development Zone, Suzhou City, Jiangsu Province, P.R. China
Design and manufacturing of permanent magnet synchronous motors (including servo motors)

This certificate is valid from 12 June 2023 until 22 May 2025 and remains valid subject to satisfactory surveillance audits.

Issue 5, Certified since 22 May 2013
Certified activities performed by additional sites are listed on subsequent pages.

Authorised by
Jonathan Hall - Certification Services
SGS United Kingdom Ltd
Reasmore Business Park, Ebbw Vale Port, Chepstow, CH65 3EN, UK
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Page 2 of 2

Total Quality Management

2007.03

Quality Management System
ISO 9001



2012

Passed **TS16949** system certification (completed IATF16949 upgrade audit in 2018)



2010.11

Occupational Health and Safety Management System
OHSAS18001



2017

Accredited by **CNAS** (obtained lab accreditation)



2012.05

Quality Management System
TS16949



2013.05

Environment Management System
ISO14001



2018

Passed the audit of **Volkswagen** Group (R&D + software + system + logistics)

Logistic Audit
2018.12
Formel-Q
2017.12

2013.11

ESD Management System
ESD S20.20



2019

Passed **VDA6.3** audit (SGS third party certification)

Passed **PSA** of Group NSA

NSA
Peugeot Citroen Group

2017.02

Functional Safety Certification
ISO26262



2017.05

Laboratory Accreditation
ISO17025



2019

Obtained the certification of **automotive functional safety** management system



2018.07

Quality Management System
IATF16949



2019

ISO45001



2018.08

Laboratory Accreditation
UL CTDIP



2018.12

Laboratory Accreditation
TUV CTF



2020

SA8000 (Social Accountability Certification)



Emission reduction effect of green products

According to incomplete estimates, the products that Inovance Technology put on the market in 2023 will avoid 10,748,527 tons of greenhouse gas emissions for the whole society every year, which is equivalent to planting 292,000 hectares of forests.

Directly avoided emissions				Co-avoided emissions	
1,503,754 tons by AC drive products used in air compressors	1,034,308 tons by AC drive products used in other scenarios	979,328 tons by electro-hydraulic servo system used in hydraulic machinery	99,480 tons by permanent magnet synchronous motors used in various scenarios	4,449,586 tons by main control PLC and pitch/yaw system used in wind power equipment	Putting Energy Saving Before Energy Generation In 2023, the company generated 8.74 million kWh of electricity from clean energy, an increase of 86% compared to the previous year. Meanwhile, through a series of energy-saving measures, more than 1.96 million kWh of electricity was saved, of which more than 1 million kWh was saved through the application of the digital system.
	686,582 tons by AC drive products used in central air conditioning system	5,978 tons by active front-end products used in vertical elevators	63,930 tons by AC drive products with energy feedback function used in various scenarios		
			301,347 tons by electric drive and powertrain applied in new energy commercial vehicles	134,881 tons by electric drive, motor, powertrain and power supply applied in new energy passenger vehicles	
			2,064 tons by SiC MOSFET-based electric drive, powertrain and power supply products that are used in new energy vehicles	18,297 tons by traction system applied to subway/light rail	

INOVANCE