



Company Profile



Company Vision

The Key Driver
in realizing global
electrification, intelligence, and
green energy.



Years of excellence in the
industry sector



Affiliate companies globally



Countries with business
operation



Revenue in 2025



Global employees

Main Global Operations



Manufacturing Bases

Texas

- High-Voltage Induction Motors/ Synchronous Machine / VB Skid



Jiangxi

- High-Voltage Motors/ Synchronous Machine
- Water-cooled /Air-cooled chiller
- Package type air conditioner
- Factory High-Temperature Heat Pump Unit



China

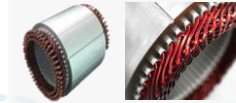
Wuxi

- High-Voltage Motors
- Low-Voltage Motors
- EV Motors
- Low-Voltage Drives
- PLC
- Servo Drive
- Controller
- Servo Motor
- UAV Motor



Anhui

- Hairpin Motor



Taiwan

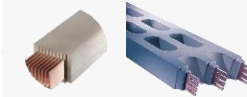
Danshui

- Oil-Immersed Transformer
- Dry-Type Transformer



Yangmei

- Busway



Hukou

- Switchgear
- Modular PCS
- Low-Voltage Drives



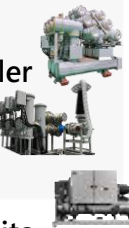
Zhongli

- High-Voltage Motors
- Low-Voltage Motors
- EV Motors
- AC Motor Drives
- Servo Motors
- Stepper Motors
- UAV Motor
- Robotics Joint Module



Guanyin

- 161kV/9kV GIS
- Water-cooled /Air-cooled chiller
- Modular Air Handling Unit
- Package type air conditioner
- Single-split air conditioner
- Refrigeration and Freezing Units



Europe

Italy

- Gear Reducer



Americas

Mexico

- IE3 Low-Voltage Induction Motors



India

- Low-Voltage Induction Motors
- EV Motors



Vietnam

- Low-Voltage Induction Motors



Malaysia

- Busway
- Modular Prefabrication



Indonesia

- Transformer



Southeast Asia & India

Group Business Achievements

Green Mechatronic Solution



- Top 5 in global market share of motors
- No. 1 in market share of industrial motors in Taiwan
- Launch of the Full IE4/IE5 High-Efficiency Motor Series



- Entered the global transformer market rapidly through acquisitions in 2024
- Expanded Taiwan production capacity for North American and Southeast Asian market

EV Products



- First company in Taiwan to obtain DMIT certification
- No.1 market share in Taiwan's electric bus drive systems; exported to Japan, India, and North America



- Power System Supplier for the World's First Net-Zero Vessel, Porrima P1



- Next-Generation Hairpin Technology with 5 Technology Patents

Power & Energy



- **AIDC Construction** Projects across Taiwan and Southeast Asia with a cumulative capacity of **958 MW**



- **Leading offshore wind onshore substations in Taiwan about 2.5GW**
- Equipment: Gas-insulated switchgear, MV/LV switchboards, emergency generators, and HVAC systems

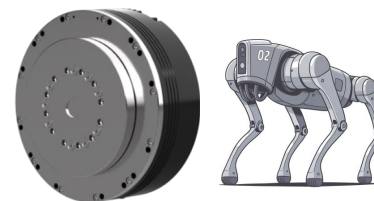


- **Energy Storage Projects: 104 MW /BESS168 MWh**
- **Solar installations: 50 +MW**
- **Taiwan renewable energy retail license**

Energy & System Automation



- **ESCO - TECO Energy Service**
- **The First and Only Provider of One-Stop Energy Services in Taiwan**



- **TECO's Bionic Robot Joint Motor Module (M1-140) Wins 2025 Taiwan Excellence Gold Award**

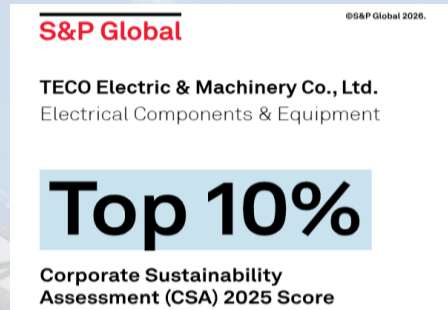
HVAC Technologies



- **Best ESG Refrigeration and Freezing**
- **First domestically produced in Taiwan - Low GWP environmentally friendly chiller (R407H)**
- Water-cooled /Air-cooled chiller
- Package type air conditioner

High Market Share in Taiwan

Corporate Governance Achievements



- **Selected as a constituent of the Dow Jones Best-in-Class Indices (DJBIC) for 6 consecutive years**
- **Included in the S&P Sustainability Yearbook top 1% ~ 10% for 6 consecutive years**
- **Selected as MSCI ESG Rating AAA**
- **Included in FTSE4Good FTSE Russell Social Responsibility Index**
- **Received “2025 Best Taiwan Global Brands”**

Green Mechatronic Solution Business Group

Intelligence

AI Digitalization: Boosting Power Efficiency

- Smart Control & Analytics
- Optimizing Asset Performance



Industrial Motor



Medium-voltage Drive

Electrification

High-Efficiency E-Drive: Revolutionizing Power Systems

- Industrial & EV Motor Solutions
- Decarbonizing via System Replacement



Drive



EV Motor



Central E-Axle Solution

Green energy

Green Energy Integration: Renewables & Storage

- Integrated Transformers & ESS Solutions
- Building Low-Carbon, Stable Power Grids



Transformer

Chronicles of GM Business Group

1956

1960

2000

2020

Established the first Motor Factory in Sanchong, Taiwan



1966 Exports to SE Asia markets

1972 Established the first overseas branch in Singapore

1979 Set up Zhongli Factory

1983 Established TECO Australia Branch

1987 Joint Venture with Westinghouse Electric



1991 Established TECO Malaysia Branch

1995 Acquisition of Westinghouse Motor Co., Ltd.



Westinghouse Electric founded in 1886



1894
The World's 1st AC Motor

2000 Set up Suzhou Factory

2003 Set up Wuxi Factory

2005 Set up Jiangxi Factory

2006 Set up Vietnam Factory

2010 Set up Suzhou Factory In-Wheel-Motor



2011 Established TECO Middle East Sales Office

2012 E Van Motor



2014 Set up Qingdao Factory

2015 Acquisition of Motovario S.p.A. major gear reducers manufacturer in Italy



2017 E Bus Motor



2018 TECO Wuxi Automation



2019 E Sedan Motor



2020 Set up Vietnam Factory T Power 2in1(M+I)



2021 T Power 3in1(M+I+G)



ZEPT
EV Powertrain Joint-Development

2022 T Power +



2023 Set up Mexico Factory



Set up India Factory

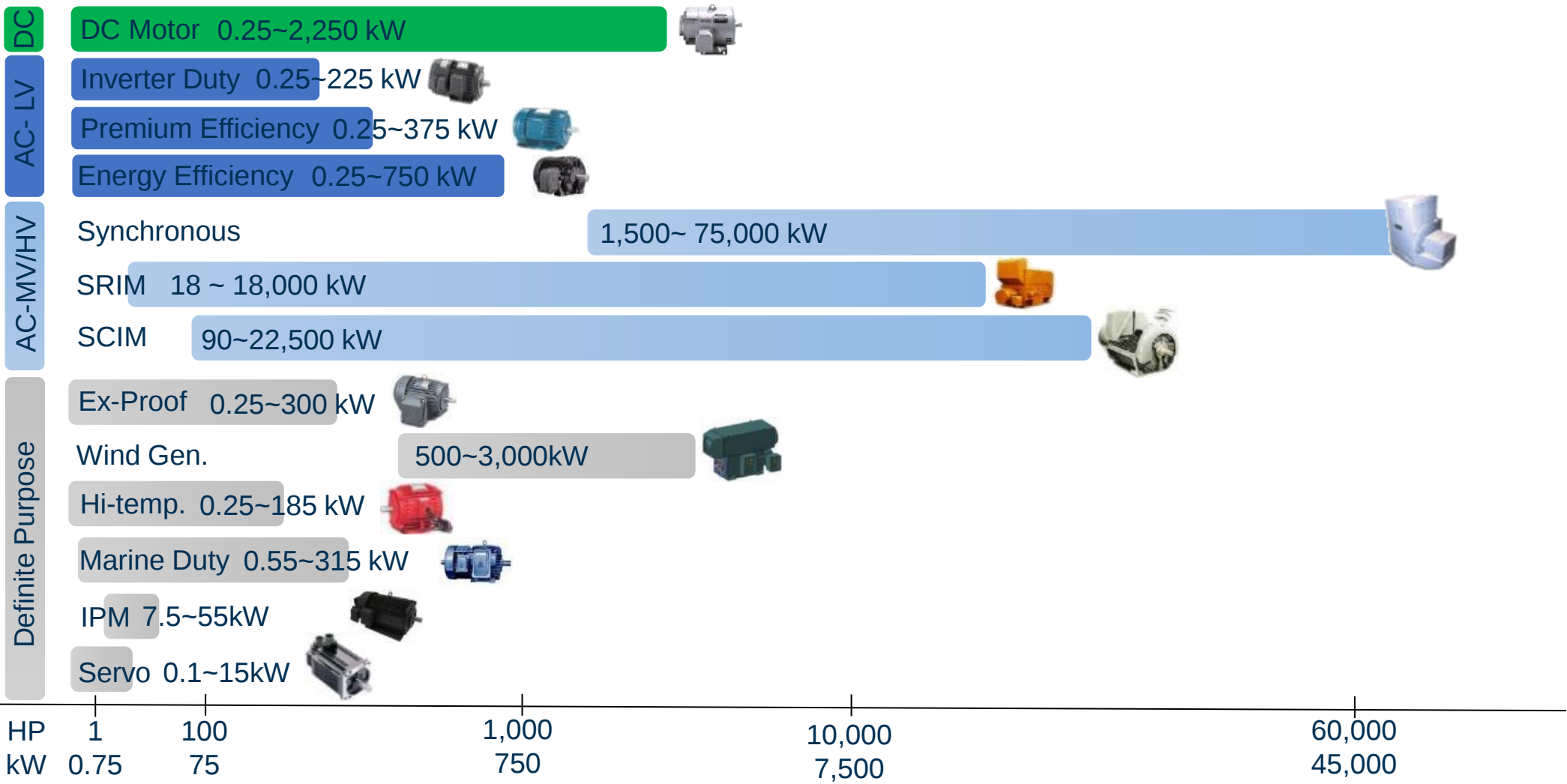


2024 Acquisition of SHENCHANG Electric



Motor Series: Manufacturing Capabilities

One-stop solutions for DC, BLDC, and custom motors, from design to mass production.

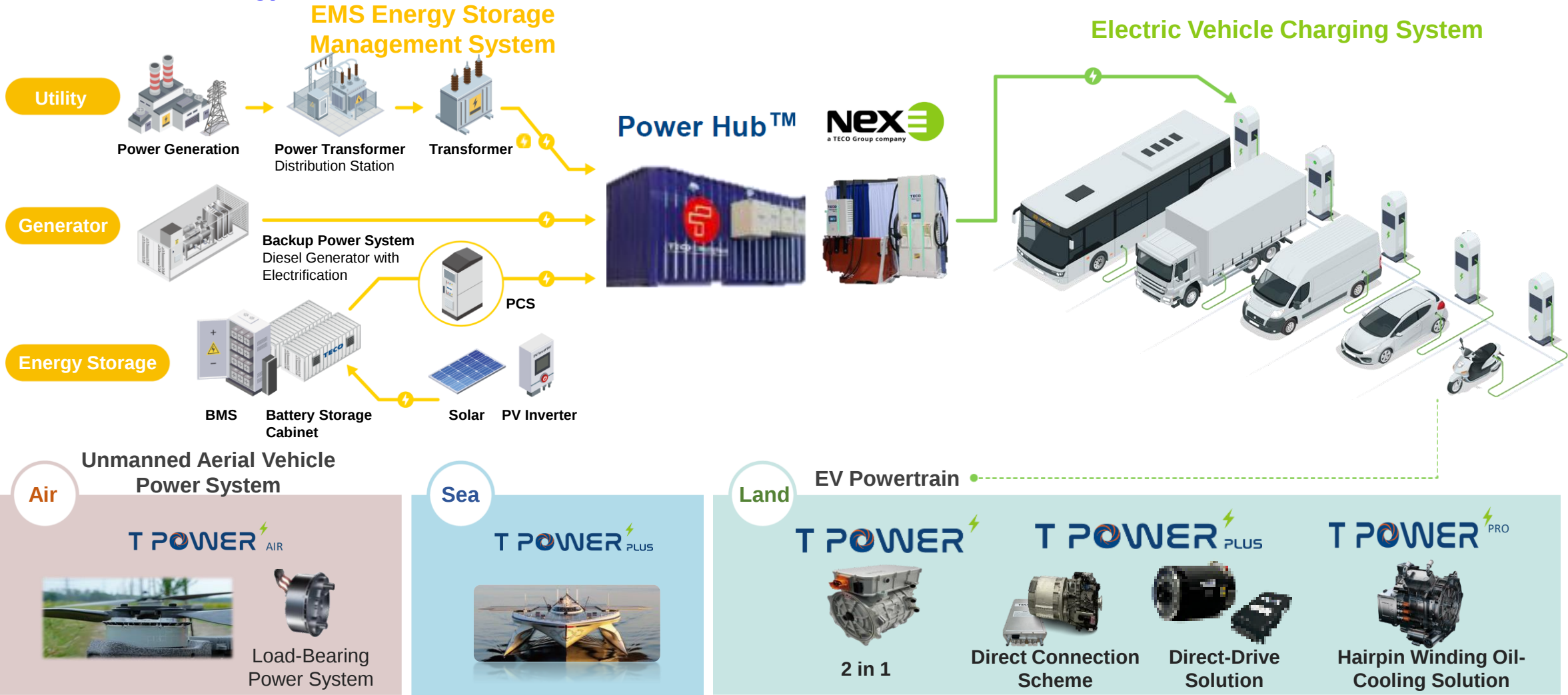


Applications for Target Industries



TECO EV E-Mobility Ecological strategy

In the **TECO EV E-Mobility ecosystem**, TECO has evolved from single products to a multi-dimensional system of **"Powertrain + Energy Services + Data Value."**



EV Powertrain Solutions

T POWER AIR

Drones



T POWER

Light Commercial Vehicles



T POWER PLUS

Buses/Medium and Large Commercial Vehicles Engineering Vehicles



T POWER PRO

T POWER PLUS

Electric Vessel



600~2000 tons



Solution



Powertrain



TP130



2 in 1

TP+ 200-250



Gearbox solution

TP+350 SiC Drive Controller



Direct-Drive Solution

TP Pro OD220



Hairpin Oil-Cooling Technology



100-250kW

T Power+250



Features of TECO T Power Series:

Wide Applications: Covering 7–12m buses, 7–22t trucks, off-road (marine/construction), and 50–150kg UAVs.

Diverse Powertrain Systems: Direct Drive (M+I), Integrated Gearbox (M+I + Gearbox), and E-Axle (Oil-cooled Hairpin Motor).

High-Performance Technology: 99% SiC efficiency, 3x power density via 3rd-gen hairpin tech, and 97.5% system efficiency.

EV Powertrain Sales Track Record

TECO's DMIT Powertrain: Proven Track Record in Taiwan

As the first certified **DMIT (Designed & Manufactured in Taiwan)** provider for e-buses, TECO has developed systems for 6–12m models. Partnering with major local automakers, TECO is projected to equip over 2,000 e-buses by 2025, securing an **85% market share**.

TECO's DMIT Powertrain: Global Export Track Record

Leveraging **TECO's global sales network**, our EV and commercial vehicle powertrains are exported to **North America, Europe, Japan, Mexico, and India**, driving momentum for the global green mobility transition.

- As a milestone in net-zero transition, the "**Porrima P111**"—the world's first zero-emission vessel—features TECO's DMIT powertrain, showcasing Taiwan's industrial strength.

Mexico



North America



Europe



India



Taiwan



Japan



Transformer Product Series

Wide Applications



From distribution to power grids:
supporting industry, infrastructure,
and renewables.

Proven Track Record



Annual capacity of 10,000+ units;
meeting diverse utility and
commercial demands.

Technical Reliability



Advanced winding and insulation
designs compliant with global
standards (IEC/IEEE).



US Natural Gas
Booster Station
25000kVA

Formosa Plastics
Singang Plant
5000kVA



Nan Ya PCB
Shulin Plant
7500kVA



Medium and High Voltage MVD Product Series



Location: West Africa
Application:
Winding Ball Mill

Location: Vietnam
Application: Internal
Mixer in Tire Factory



Location: Taiwan
Application:
Power Plant Blower

Wide Applications

Delivering high-reliability and energy-saving control across heavy industries including steel, petrochemicals, water treatment, and power.

Proven Track Record

Optimizing reliability and energy efficiency for heavy industries like steel, petrochemicals, water, and power.

Power & Energy Business Group

Core Products & Solutions

Data Center Infrastructure

- MEP Engineering
- Fiber Optic Infrastructure
- Power & Energy Products



MEP Engineering



MEP Engineering



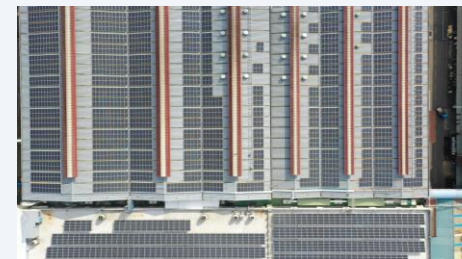
Power & Energy Products

Renewable Energy Infrastructure

- Offshore Wind Onshore Substations
- Solar Power Plant EPC & Asset Management
- Power & Energy Products



Onshore Substations



Solar Power Plant EPC



Power & Energy Products

Energy Storage System EPC Solutions

- Energy Storage EPC & Solar-Plus-Storage Projects
- Behind-the-Meter Energy Storage
- Green Power Trading



Energy Storage EPC



Behind-the-Meter Energy Storage



Green Power Trading

Installed Capacity

958MW



Japan

- 5+ years
- 110+MW (Fiber Optic Engineering)

Taiwan

- 25+ years
- 250+MW
(MEP & Fiber Optic Engineering)

Thailand

- 1+ years
- 80+MW (Fiber Optic Engineering)

Malaysia

- 2+ years
- 258+MW
(MEP & Fiber Optic Engineering)

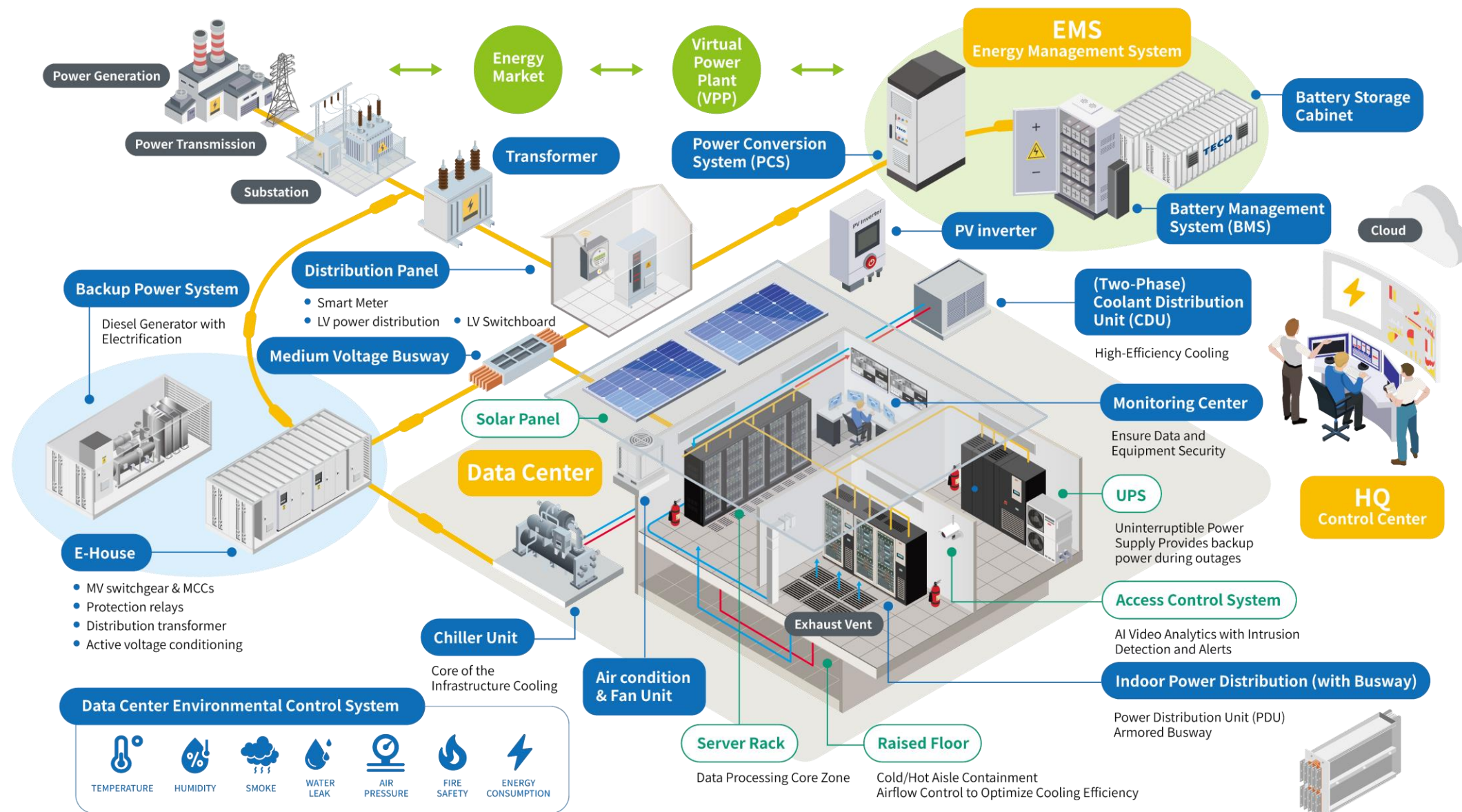
Singapore

- 11+ years
- 240+MW
(MEP & Fiber Optic Engineering)

Indonesia

- 3+ years
- 20+MW (Fiber Optic Engineering)

TECO Data Center Infrastructure Capabilities



Onshore Substations for Offshore Wind Power

2.5 GW

No.1 In Market Share

Achievements

- Changfang & Xidao Offshore Wind Farms
- China Steel Power Offshore Wind Farm
- Hai Long Offshore Wind Farms
- FengMiao offshore wind

Energy Storage

104 MW

BESS

168 MWh

Achievements

- Completing the EPC project of energy storage system of 60MW in Taipower Longtan Substation , with a capacity of up to 60MW
- Capacity share: 37.5%

Installed Solar Power Capacity

50+ MW

Achievements

- One of Taiwan's First EPC Contractors for Integrated Solar-Plus-Storage Projects

Solar Energy

Integrated solar and energy storage systems for flexible green energy dispatch, ensuring stable power supply and energy independence



Pingtung 10MW/27MWh

Ancillary Service

AFC systems for automatic frequency regulation, balancing supply and demand while enhancing grid stability and resilience



Taoyuan 2+4MW/2+4MWh AFC Energy Storage System

Charging & Energy Storage

Integrating EV charging infrastructure with energy storage systems to mitigate the impact of high-current charging on the grid



100kW/200kWh

Overseas Energy Storage System

Providing one-stop energy storage solutions from PCS to system integration to enhance grid resilience and maximize renewable energy value



US 2MW/2MWh Energy Storage System Frequency Regulation Service

Microgrid Deployment (EMS + Solar + Energy Storage Systems)

In-house developed on-site energy management system that integrates multiple power sources and energy storage systems, enabling power dispatch, frequency regulation, and voltage fluctuation smoothing to protect equipment



- ✓ **Digital Platform Integration**
Distributed energy resources including solar, storage, and loads
- ✓ **Unified and Dispatchable Energy System**
Real-Time Monitoring and Intelligent Energy Dispatch
- ✓ **Enhancing Grid Efficiency and Stability**

Flexible Dispatch Capability

- Optimize energy resource allocation through real-time monitoring and intelligent dispatch
- Enhance system stability and power supply reliability

Participation in Electricity Markets

- Supports energy dispatch and ancillary service participation
- Diversified revenue streams for energy assets

Aggregation of Multi-Source Energy Loads

- Integrates distributed energy resources such as solar power, energy storage systems, and controllable loads
- Enhances overall resource coordination and dispatch flexibility

Multi-Energy Strategy Planning

- Develops optimized green energy strategies based on user characteristics and carbon reduction objectives
- Provides end-to-end planning, enhancing overall project efficiency and execution certainty

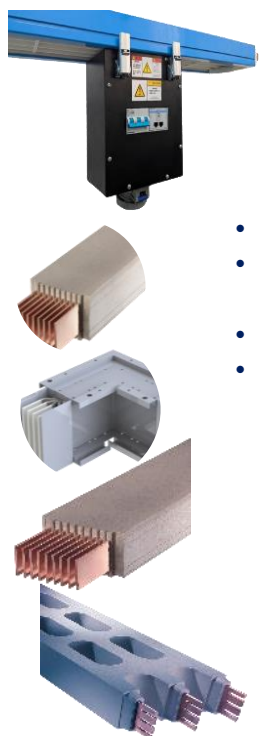
Stable Green Energy Supply

- Integrates diversified energy resources to reduce reliance on single power supply sources
- Enhances power supply reliability through flexible capacity and dispatch mechanisms

Intelligent Power Data Integration

- Integrates the Energy Management System (EMS) for real-time power data monitoring and operational insights
- Enables data-driven energy management and decision support for enterprise operations

Busway (Low/ Medium / Enclosure)



- Insulated Busway
- EV Charging Station Busway
- Layered Busway
- Data Center Busway

400 - 6300 A

1000V~36KV

Switchgear (MV/LV)



MV Combination
Switchgear (24kV)



IEC 61439-2
Compliant Panel

AC Electrical Switch



MS



Multifunction
Power Meter



MCCB



ACB

Generator



Diesel: 20-3000 kW
Natural Gas: 60-1200 kW

PCS/BESS



Centralized: ≥ 1000 kW
Modular: ≤ 200 kW



BESS
372kWh~4MWh

Medium Voltage Gas-Insulated Switchgear

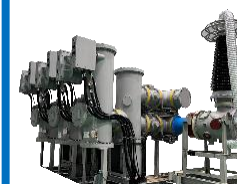


E-GIS 23kV



Pole Switch 15/25kV

High Voltage Gas-Insulated Switchgear



GIS 69kV



GIS 161kV

Applications of Electrical Products

Switchgear (MV/LV)



Free Trade Zone in Taiwan

Generator



Exhibition Hall

MV GIS



Taipower Substation

Busway



Biotech Park

AC Electrical Switch



AI Computing Center

PCS/BESS



VPP Demonstration Center

HV GIS



Taipower Distribution Substation



Tunnel

Energy & System Automation Business Group

Empowering Industrial Transformation with Comprehensive Control, Automation, and Energy Solutions.

Industrial Automation

- Low-Voltage Drives
- Power Distribution & Protection
- UAV Powertrain



HVAC



Industrial Machinery



UAV

Servo Control

- Servo Drives
- Servo Motors
- PLC / HMI
- Stepper/BLDC
- Robotic Joint Modules



Industrial Machinery



SCARA



Humanoid / Quadruped Robot

System Integration

- Process Automation
- Energy Service



Process Automation



Energy Service / Power & HVAC Systems



Renewable Energy & Energy Storage

Industrial Automation - Low Voltage Drives

Basic

L510s



Compact Drive for Basic Applications

Focus:

- Basic speed adjustment, economical

Application:

Fan and Pump,
Blowing machine,
Packaging machine

V.	Capacity	IP
100 V	0.25 - 1 HP	IP20
200 V	0.25 - 10 HP	
400 V	1 - 15 HP	

Standard

E510s



General Purpose Drive

Focus:

- Multi function compact drive up to 75HP
- IP66 Solution

Application:

Food Processing,
Machine Tools,
Woodworking Machines

V.	Capacity	IP
200V	0.5 - 40 HP	IP20 / NEMA1
400V	1 - 75 HP	
200V	0.5 - 20 HP	IP66 / NEMA 4X
400V	1 - 25 HP	

Standard Plus

E710



High-Performance Compact Drive

Focus:

- Multi function compact drive up to 10HP

Application:

Fan, Pump, Conveyor,
Packaging machine,
Textile machines

V.	Capacity	IP
200V	0.5 - 7.5 HP	IP20 / NEMA1
400V	1 - 10 HP	

Advanced

A510s



Premium for General Purpose

Focus:

- Heavy Duty
- Advanced & high-speed Communication

Application:

Punching machines,
Cranes and Hoists,
Compressor, Textile

V.	Capacity	IP
200V	1 - 150 HP	IP00 IP20
400V	1 - 425 HP	
575V	1 - 10 HP	IP20
690V	15 - 270 HP	

HVAC Specialized

F510



Premium for HVAC

Focus:

- Wide output range
- Pump control

Application:

HVAC system,
Tunnel Ventilation,
Water Supply & Treatment

V.	Capacity	IP
200V	1 - 175HP	IP20 / NEMA1
400V	1 - 800HP	
400V	1 - 100HP	IP55 / NEMA12

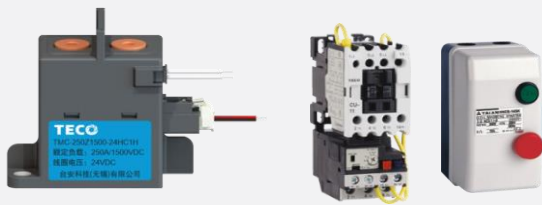
Contactor

● AC Contactor



CU, CN, TMC Series
6~800A

● DC Contactor ● Magnetic Switch



TMC-Z Series
40~800A

H Series
4~90kW

Relay

● Bimetallic Overload Relay



RHU, RHN Series
0.1~336A

● Electronic Overload Relay



EOR Series
0.1~110A

Circuit Breakers

● Air Circuit Breakers



VBT Series
630~4000A



BAW, TAW, TBW Series
Max.6300A/Max.4000A(DC Switch)



● MCCB



TCB Series
16~800A



TAX Series
16~800A



TDX (DC)
100~630A

● MCB



BM Series
1~100A

● MPCB



TMS Series
0.1~32A

● RCCB



BR Series
6~125A

● ATS



BOT Series
16~800A

Applications: Power Infrastructure, Industrial Drive Systems, Industrial Machinery, HVAC, and Automation Control



UAV Motor



Electronic Speed Controller (ESC)



Lightweight Design

Advanced materials optimized for maximum flight duration and payload.



High Power Density

Compact engineering delivering superior thrust-to-weight performance.



Flight Stability

Engineered with high-quality bearings and self-adhesive silicon steel to ensure reliable flight stability.

PRODUCT CAPABILITY SPECTRUM

1. UAV Motors x10 (Model A — Model J) 95W — 1000W



2. Electronic Speed Controllers x 3 (ESC A — ESC C) 40A — 60A Rated Current



Servo Control - Servo System



Packaging Machines



Laser Cutting Machines



Overhead Hoist Transport



General-purpose Automation

Programmable Controller



PLC
AP series
UL CE



Motion Controller
MP series
CE

AC Servo System

JSDG2S



220v 0.1-15kw
380v 0.75-15kw
EtherCAT
UL CE

JSDG3



220v 0.1-3.0kw
380v 0.4-5.5kw
EtherCAT
CE UL

NEW

JSDL2



220v
0.1-3.0kw
CE

JSDL3



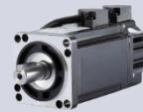
220v 0.1-3.0kw
380v 1.0-3.0kw
EtherCAT
CE

NEW

AC Servo Motor



PUC series
Ultra Low Inertia
UL CE



TSS series
Low Inertia
UL CE



TSJ series
Medium Inertia
UL CE



TSF series
High Inertia
UL CE

HMI



HMI
AH series
CE

DC Servo System

JSDT2



DC 48v 0.1-0.4kw
Absolute Encoder
EtherCAT
CE

JSDT1



DC 24v / 48v
0.1-0.75kw
CE

DC Servo Motor

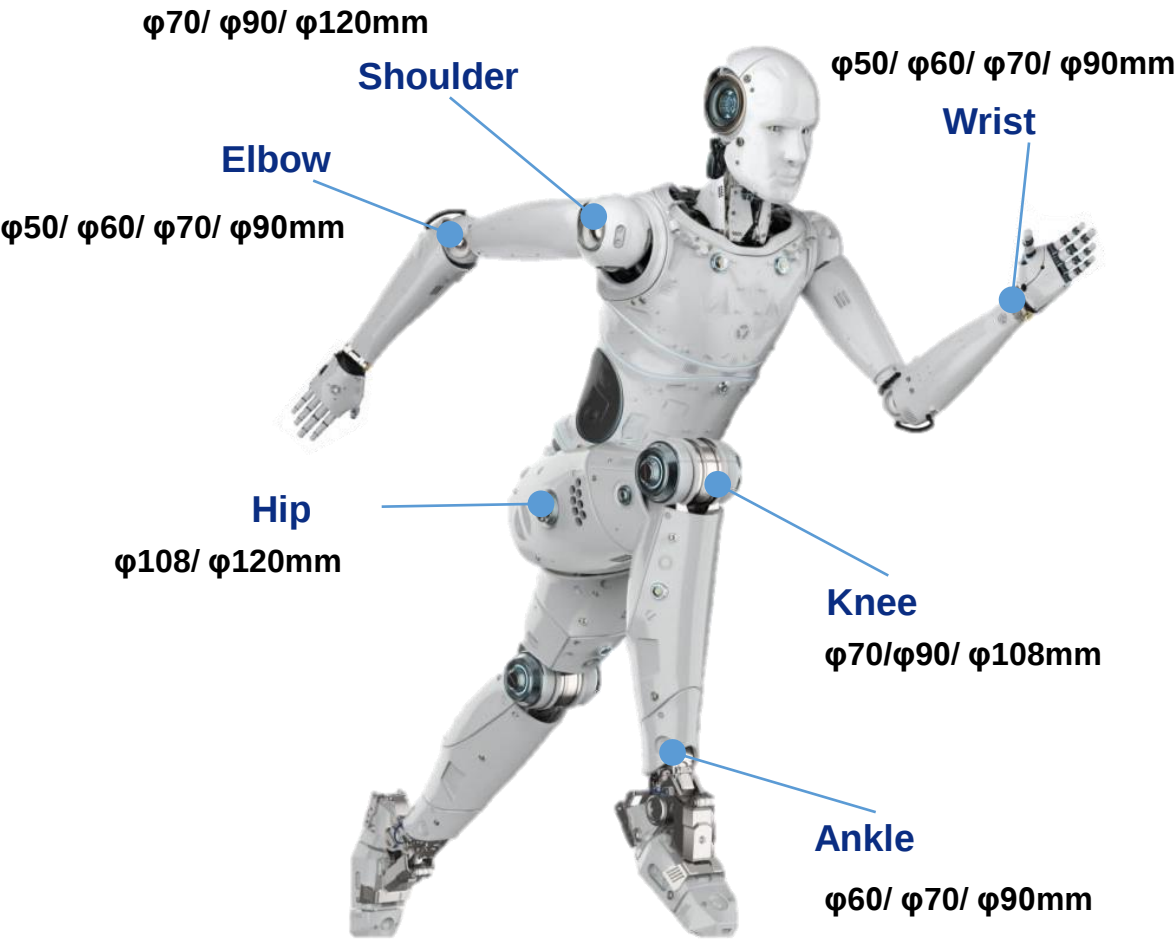


PUC series (DC)
Ultra Low Inertia
23-bit resolution
Maximum speed 6,000 rpm
IP67 Protection
UL CE

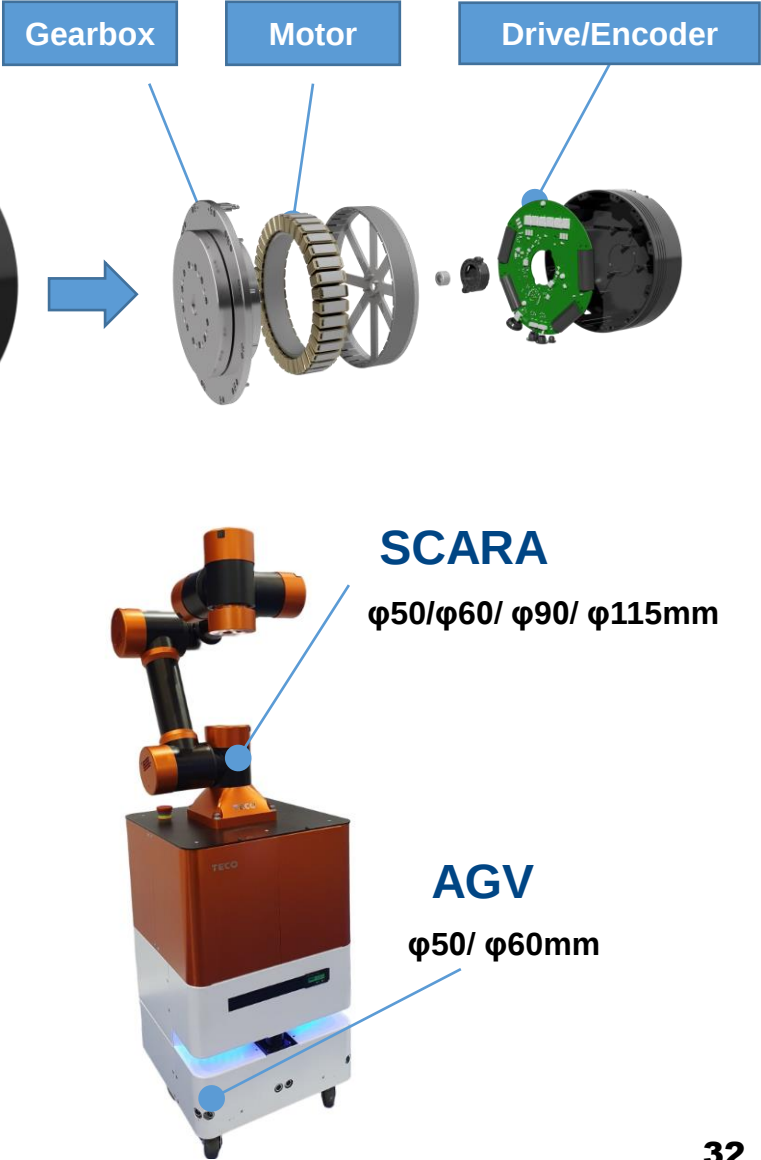
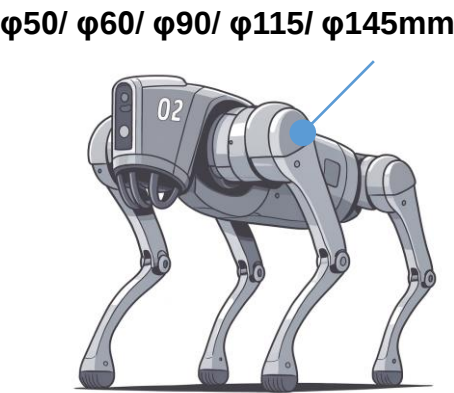
Servo Control - Robotic Joint Module

TECO's all-in-one robotic joint module integrates the motors, drive, gearboxes and sensors in a lightweight, high-torque, modular design.

Humanoid Robot



Quadruped Robot



The First and Only Provider of One-Stop Energy Services in Taiwan

Energy Diagnosis and Carbon Audit

Professional team with M&V, HVAC technicians to conduct energy diagnosis

Green Fund

Green financing framework to accelerate the deployment of ESCO projects.

EMS+ AI

EMS with AI analyzes historical & real-time data to optimize power use, improve efficiency, and maximize savings

Baseline vs post-retrofit savings verified via EMS platform for ensured results



Energy Saving Planning & Execution

Tailor-made energy saving solutions
TECO Equipment: Chillers, AHUs/Fan, high-efficiency powertrain, VFDs, transformers.
Retrofit projects, maintenance, warranty

Renewable Energy & Storage

Solar, EV chargers, energy storage system engineering & maintenance
Integrated EMS & green power trading for regional microgrids

System Integration– Process Automation



OT/IT
Integration



Information War Room

- Information Dashboard (EMS/CMS)

Control System HMI

- Controller (PLC)
- Human Machine Interface (HMI)

Drive System

- Inverter
- High/Medium Voltage Inverter
- Servo Drive
- Control Panel
- I/O Panel

Process Equipment

- Coating Machine
- Continuous Process Control
- Rolling Mill
- Acid Pickling

Roll to Roll Tension and Motion Control

Addressing high-performance, ultra-thin materials (nm), high-continity, and large-area production needs, [Company Name] provides high-precision tension and speed control, widely applied in processes for thin films, copper foils, e-paper, e-medical materials, and functional materials.

Surface Treatment Process Integration

From key steps like cleaning, acid pickling, coating, and drying, [the] provides all-process electrical control integration solutions, enhancing multi-stage equipment coordination efficiency.

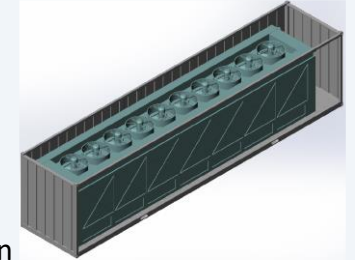
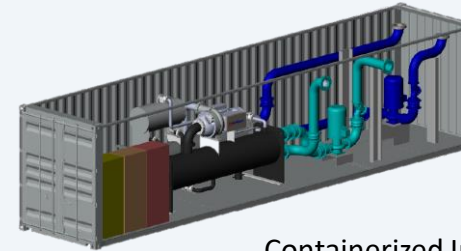
OT/IT System Integration

Integrating on-site equipment signals with backend information systems, connecting PLC, SCADA with upper MES/ ERP. Through real-time data and analysis, helping managers make better decisions on materials and processes.

HVAC Technology Business Group

Containerized Integrated Solution

- Containerized Chiller
- Containerized Cooling Tower System



Containerized Integration

Wide-Temperature Smart HVAC Solutions

- HVAC Solutions for Temperatures from -55°C to 180°C



HVAC Products

Refrigeration and Freezer Technologies

- Refrigeration Solutions
- Industrial Pump Product Portfolio



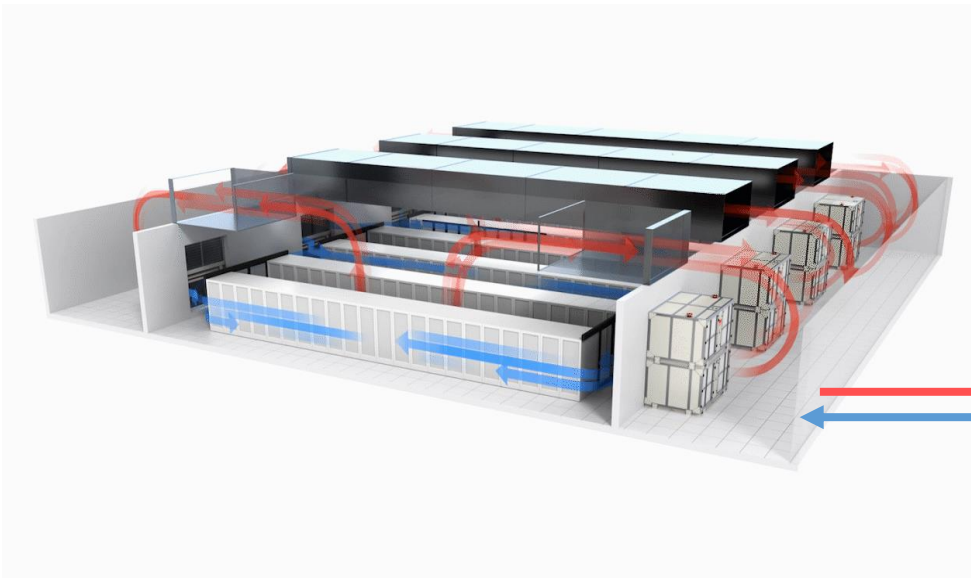
Refrigeration



Waste Heat Recovery

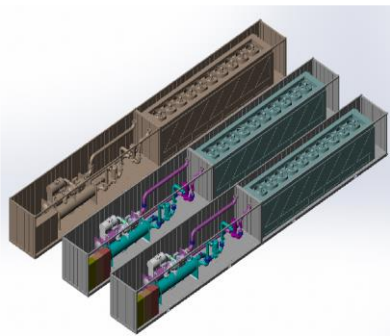
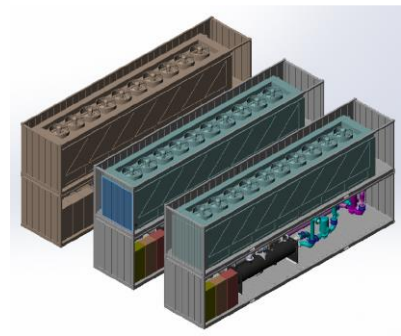
Data Center- Containerized Integrated Solution

Power Usage Effectiveness) $PUE \leq 1.2$



Stack Up Assemble

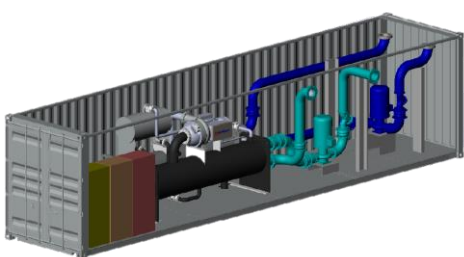
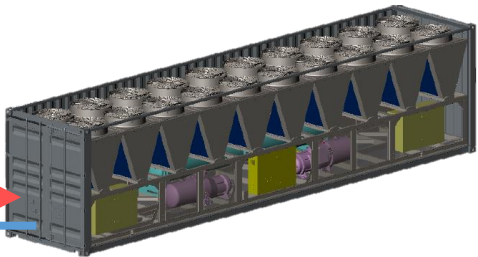
Side Assemble



Container Integrated Chiller

Air Cooled

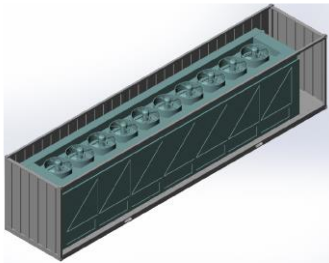
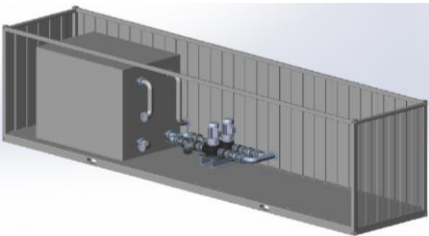
Water Cooled



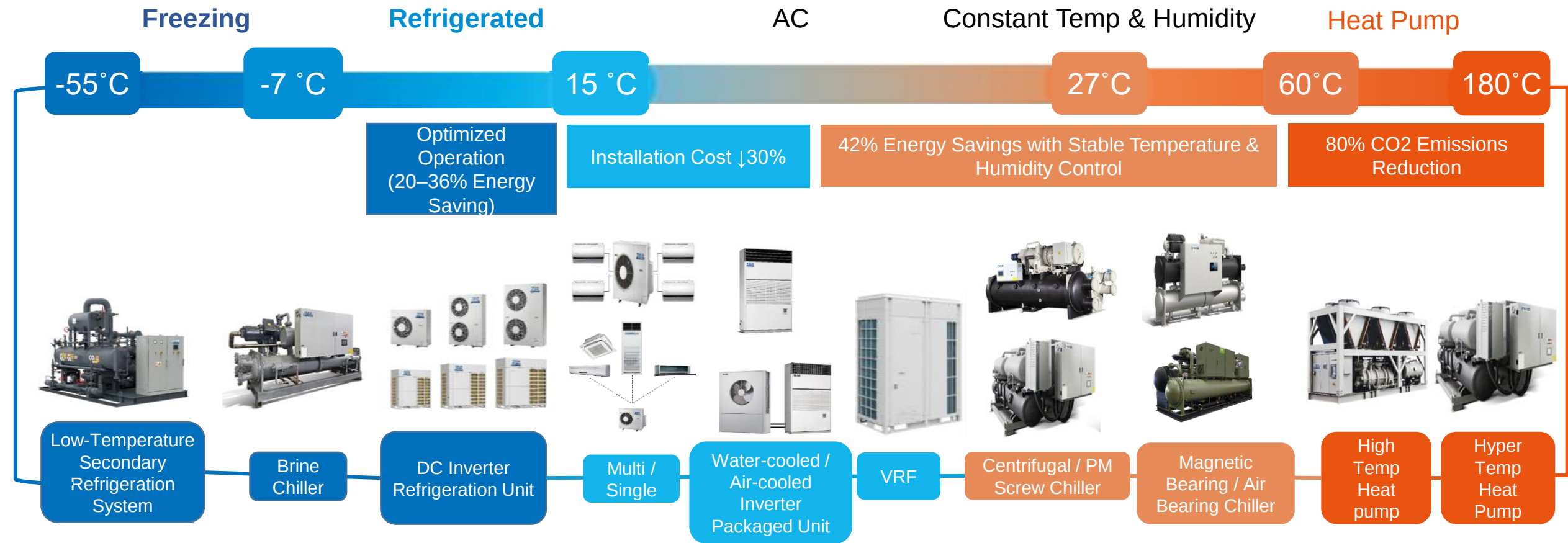
ALL IN ONE
include Power Cabinet, VFD Cabinet,
Control Cabinet, Cooling Pump, Chilled Pump

Buffer Tank

Cooling Tower



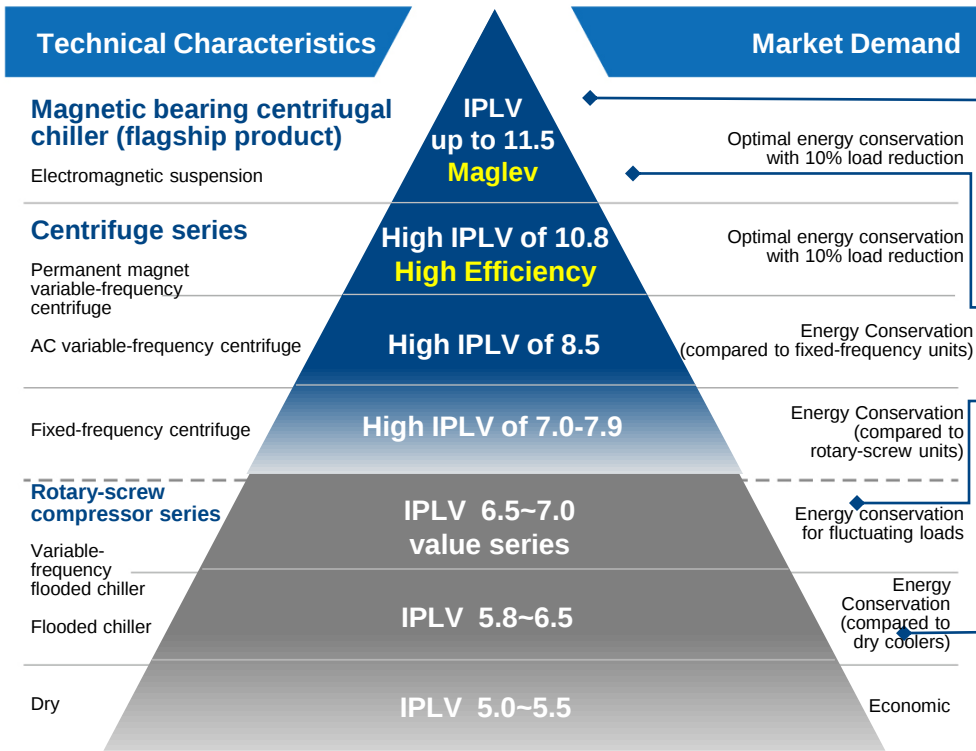
Products for wide temperature range



	Ultra-Low Temperature	Frozen	Refrigerated		Process Cooling		AC	Constant Temp & Humidity		Heat Pump
°C	-55°C	-7°C	5°C	10°C	15°C	20°C		27°C		180°C
Application	Ultra-Low Temperature Frozen Food & Vaccines	Frozen Meat Storage	Fruits & Vegetables Storage	Beverage Storage	Food Processing	Pharmaceutical Storage	Commercial Offices / Factory Buildings	Cleanroom	Archive Storage	Industrial Hot Water

TECO Advantages Full product range to satisfy different requirements

Energy-Saving Water-Cooled Chiller Options



Product Combinations

Highest Efficiency
Comply with green building standards
maglev centrifuge + variable-frequency peripheral system:
0.58 kW/RT

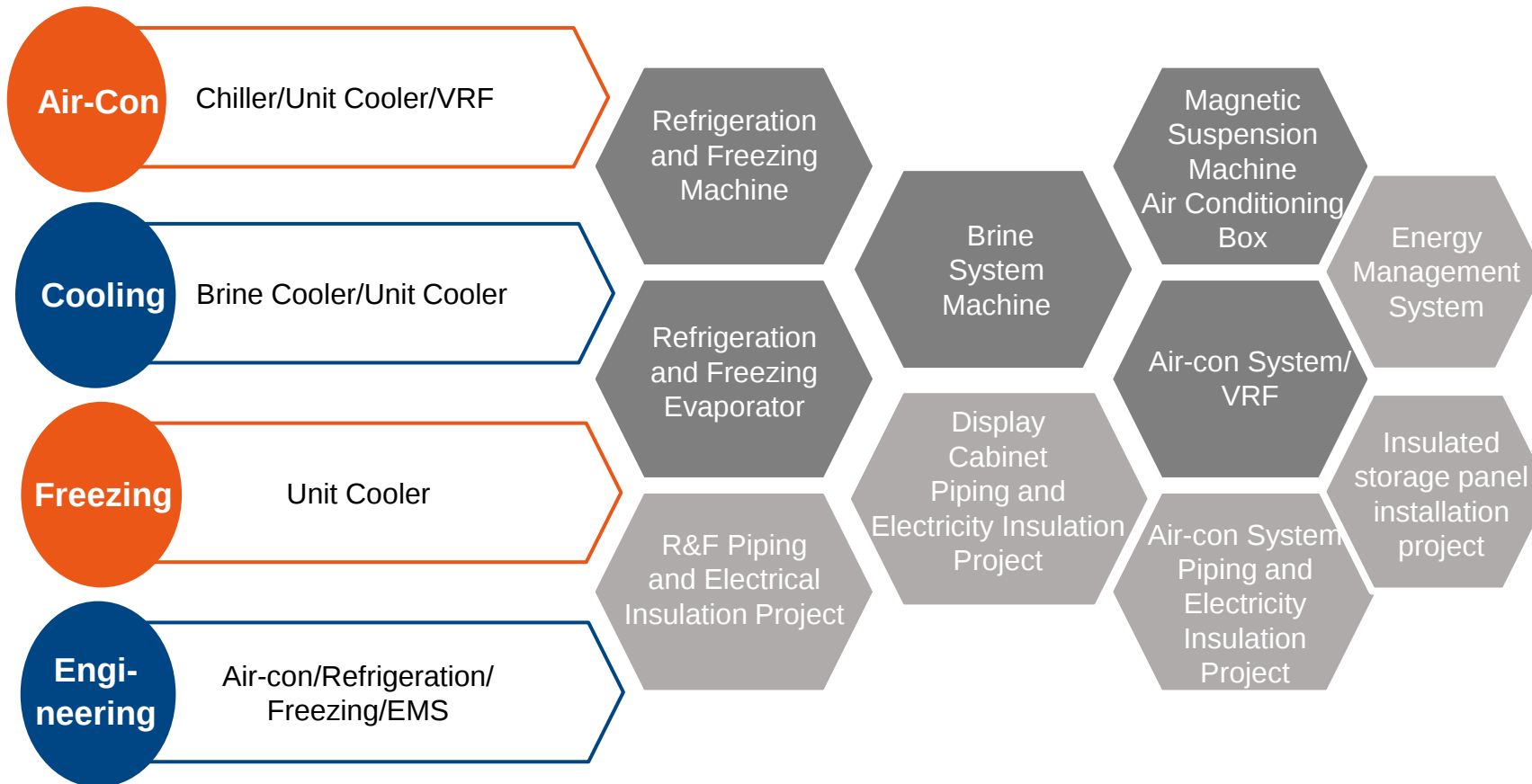
Maximum Synergy Good value for money
maglev centrifuge + variable-frequency flooded + peripheral system: 0.66 kW/RT

Basic Capacity Low entry costs
flooded + fixed-frequency peripheral system: 0.98 kW/RT

Our collections covers various models and capability, suitable for different fields or needs, with high energy conservation, maximum synergy, and the lowest cost of installation. We also provide health diagnosis system, as well as one-stop system integration services such as visualization of electricity management and indoor air quality monitoring.

Refrigeration and Freezer Technologies

- Food Warehouses/
Agriculture and
Fisheries
Associations
- Food Processing/
Low-Temperature
Factories
- Logistics Centers/
Low-Temperature
Transfer Station
- Supermarkets/
Convenience
Stores



Wide Range of Air-Conditioning Products



Frozen System

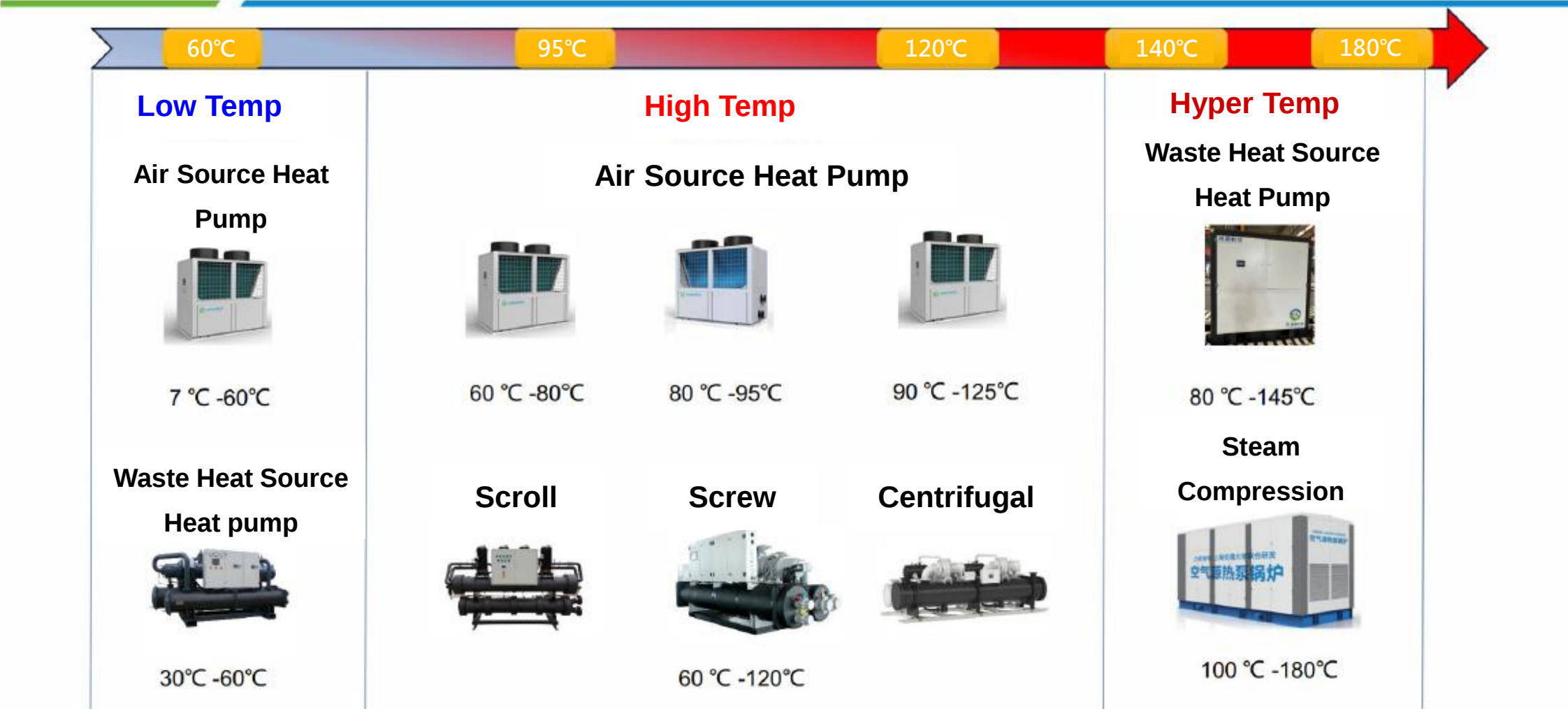


Direct Expansion Air Conditioning Unit



Chiller System

Industrial Heat Pump (Temperature Zone)





Move to Lead
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