

Company Profile

TECO Electric & Machinery Co., Ltd.

Company Profile



Company Vision

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

since 1956	≈100	40+	USD 1.89B+	14,000
Years of excellence in the industry sector	Affiliate companies globally	Countries with business operation	Revenue in 2025	Global employees

Main Global Operations



Manufacturing Bases

TECO Move to Lead

China

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



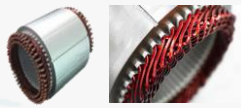
Jiangxi
- High-Voltage Motors/ Synchronous Machine
- Water-cooled /Air-cooled chiller
- Package type air conditioner
- Factory High-Temperature Heat Pump Unit



Wuxi
- High-Voltage Motors
- Low-Voltage Motors
- EV Motors
- Low-Voltage Drives
- PLC
- Servo Drive
- Controller
- Servo Motor
- UAV Motor
- Air Cooled Magnetic Bearing Chiller

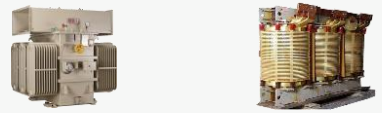


Anhui
- Hairpin Motor



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 **1** GW



Leading offshore wind onshore substations in Taiwan about 3 GW

Equipment: Gas-insulated switchgear, MV/LV switchboards, emergency generators, and HVAC systems

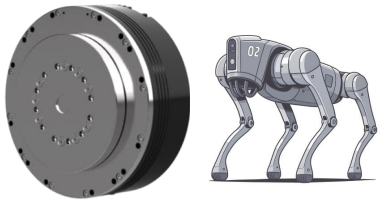


- Energy Storage Projects: 162 MW /BESS176 MWh
- Solar installations: 50 +MW
- Taiwan renewable energy retail license

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











- the Dow Jones Best-in-Class Indices (DJBIC)
- the S&P Sustainability Yearbook top 1% ~ 10%
- MSCI ESG Rating AAA
- FTSE4Good FTSE Russell Social Responsibility Index
- 2025 Best Taiwan Global Brands
- <HR Asia>’s Best Companies to Work for

Green Mechatronic Solution Business Group

Core Products & Solutions

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

Established the first Motor Factory in Sanchong, Taiwan





Westinghouse Electric founded in 1886



1894
The World's 1st AC Motor

1960

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.**

2000

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

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



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



EV Powertrain Joint-Development

2022 **T Power +**



2023 Set up Mexico Factory



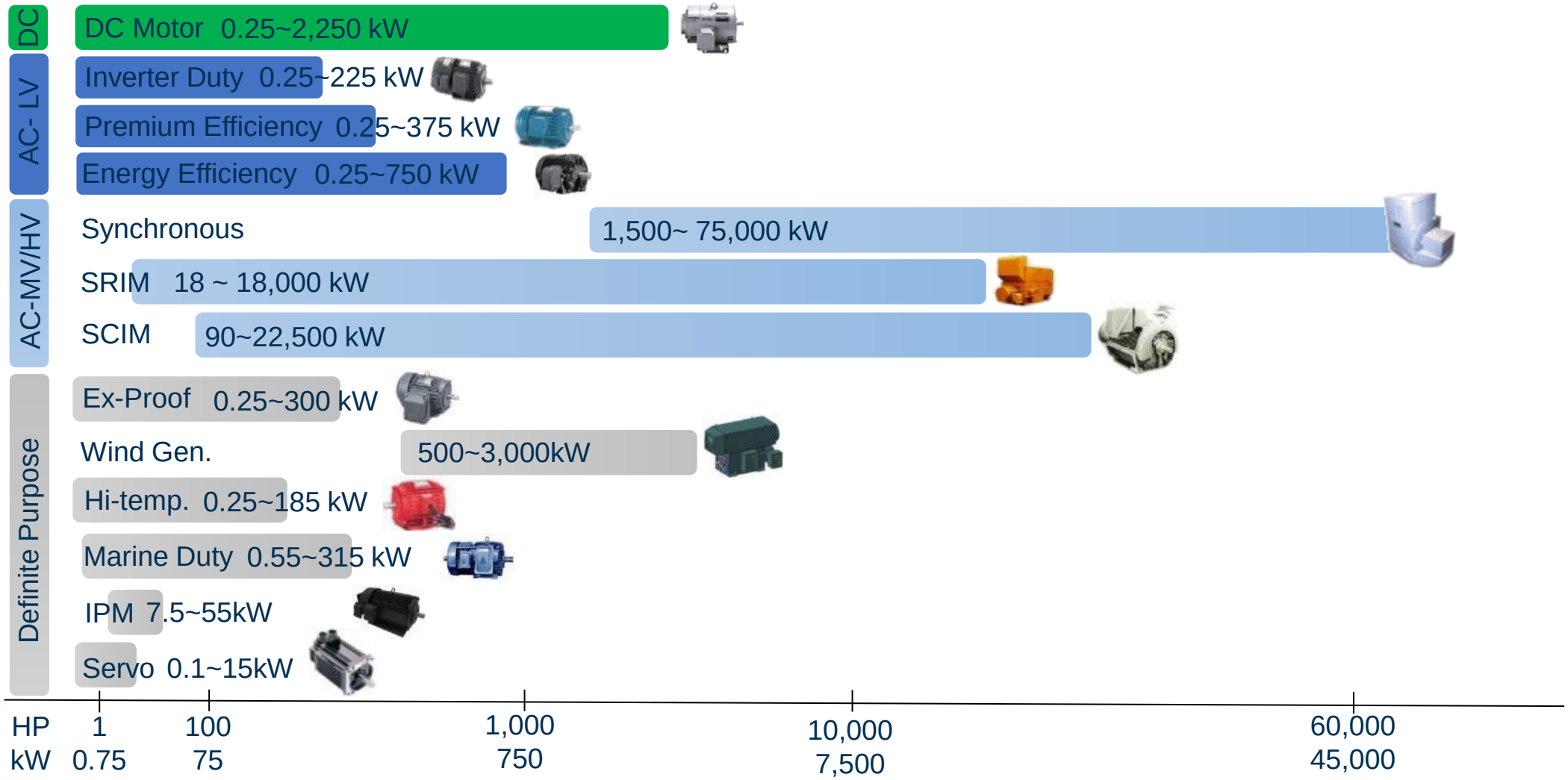
Set up India Factory



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

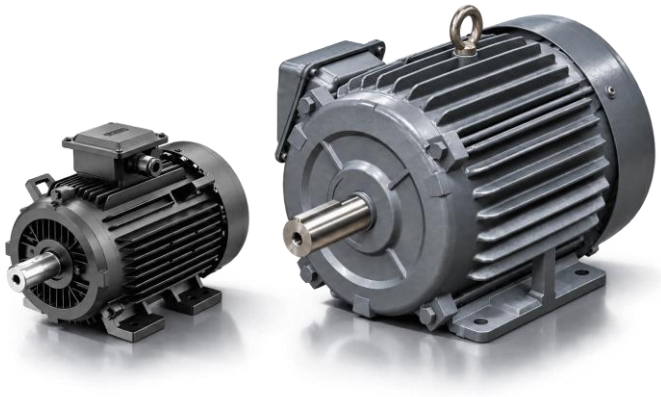


Industrial Flat-Wire PM Motor

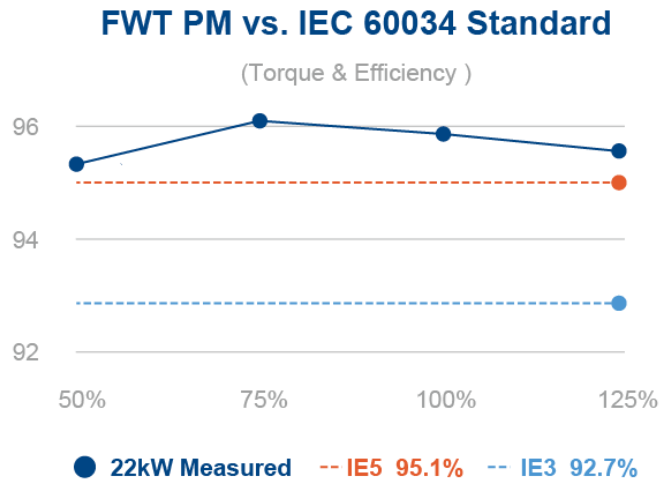
- Adapted from EV technology, offering 3 key advantages: High Power Density, High Efficiency, and High Reliability.
- Suited for applications with limited space and continuous, long hour operation, such as AIDCs, Compressors, Pumps, Fans

High Power Density

20% higher power density, 50% smaller size.



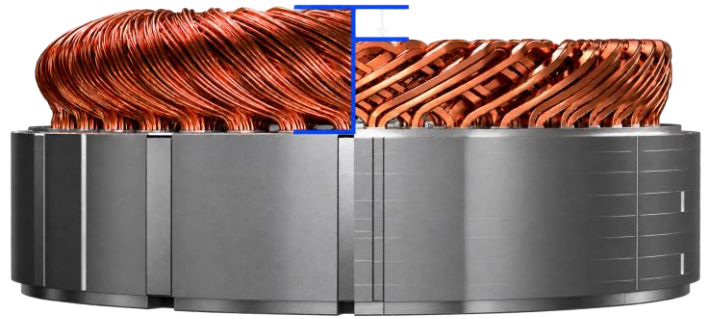
IE5+ Efficiency



High Reliability

Compact, Rigid

End-Winding Design



Ideal for CDUs, saving significant space



Ideal for fans, delivering reliable airflow



Air compressors: Delivers compressed air



Used in pumps for liquid transfer



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**."

EMS Energy Storage Management System

Electric Vehicle Charging System



Unmanned Aerial Vehicle Power System

Air

T POWER AIR





Load-Bearing Power System

Sea

T POWER PLUS



Land

EV Powertrain

T POWER



2 in 1

T POWER PLUS



Direct Connection Scheme



Direct-Drive Solution

T POWER PRO



Hairpin Winding Oil-Cooling Solution

EV Powertrain Solutions

	T POWER AIR	T POWER	T POWER PLUS / T POWER PRO	T POWER PLUS
Application	Drones	Light Commercial Vehicles	Buses/Medium and Large Commercial Vehicles Engineering Vehicles	Electric Vessel
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	T Power+250 — 100-250kW







600~2000 tons
















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.

Japan



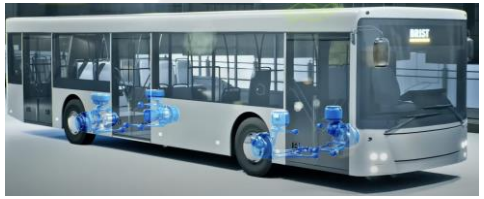
Mexico



North America



Europe



India



Taiwan













Transformer Product Series

Wide Applications

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



US Natural Gas Booster Station 25000kVA

Proven Track Record

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

Formosa Plastics Singang Plant 5000kVA



Technical Reliability

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



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

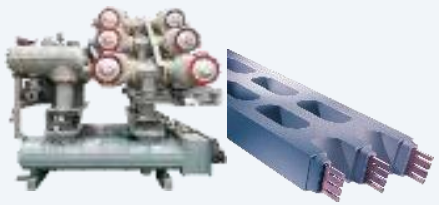
Core Products & Solutions

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

Data Center MEP Engineering

Installed Capacity

1 GW





Japan
- 5+ years
- 116MW

(MEP and 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

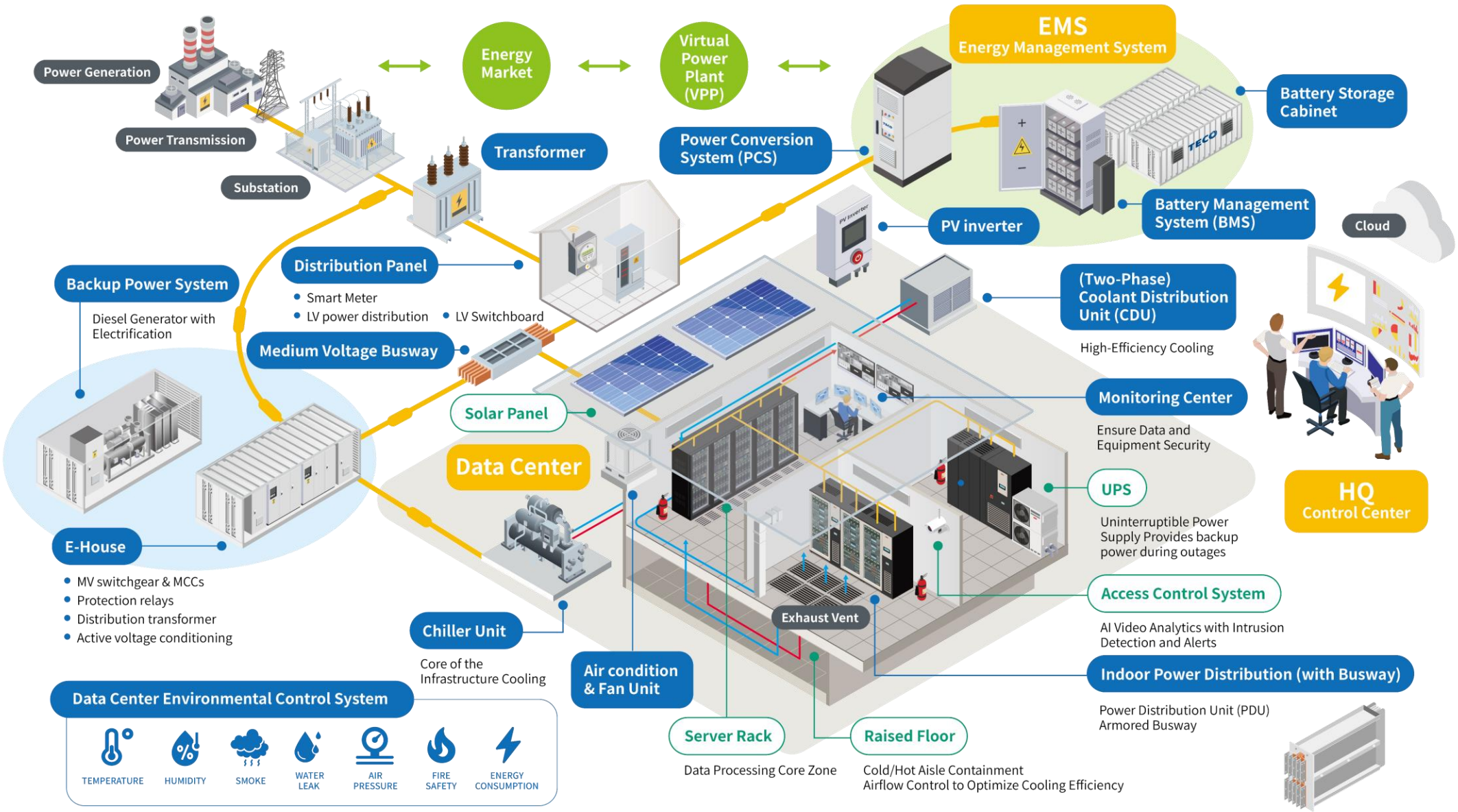
(MEP & Fiber Optic Engineering)

Singapore
- 11+ years
- 240+MW

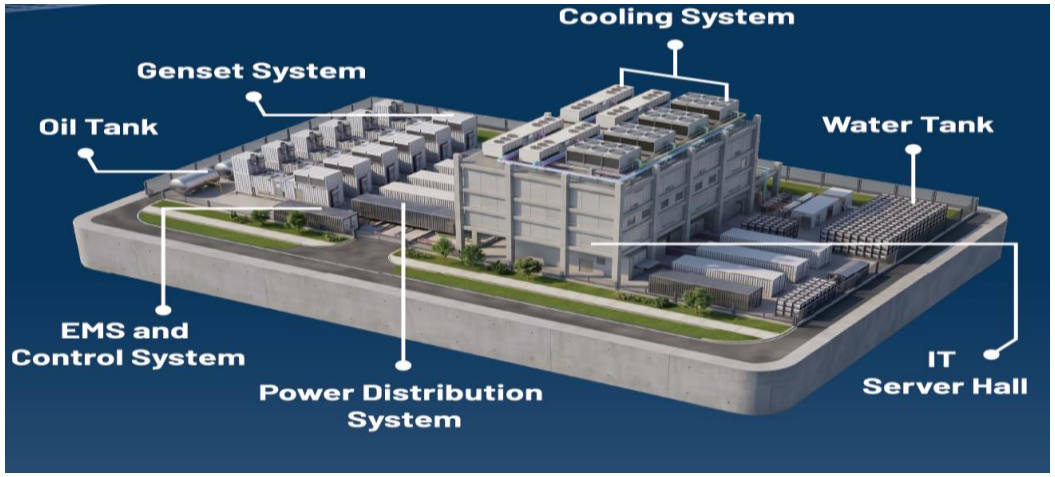
(MEP & Fiber Optic Engineering)

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

TECO Data Center Infrastructure Capabilities



TECO Modular Data Center – Five Core Modules



Modular Cooling System

High-Density Cooling
Liquid Cooling Ready
Energy Efficiency





Modular EMS and Control System

Smart Management
Real-Time Monitoring
Optimized Efficiency



Modular Genset System

Reliable Backup Power
Modular Parallel Operation
Scalable Capacity

Modular Power System

Stable Power Supply
Safety Protection
Rapid Deployment





Modular IT System

AI Computing Ready
Rapid Deployment
Scalable Capacity

Power Generation | Energy Storage | Power Plant O&M

Onshore Substations for Offshore Wind Power



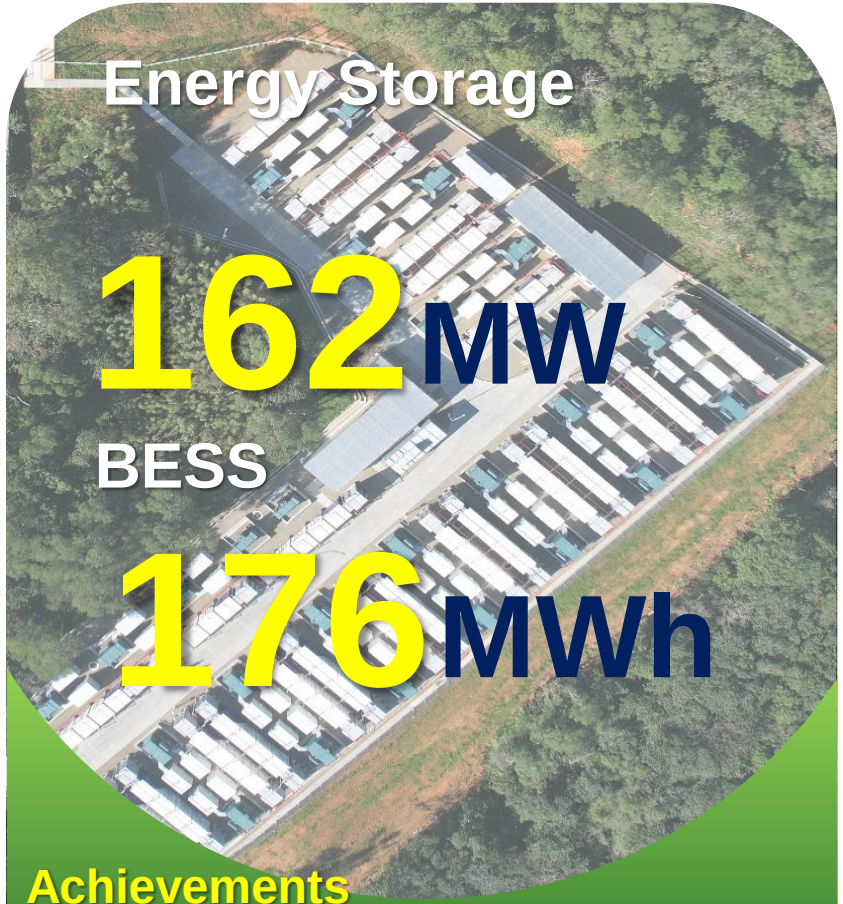
3 GW

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



162 MW

BESS

176 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

Energy Storage System/Behind-the-Meter Energy Storage

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

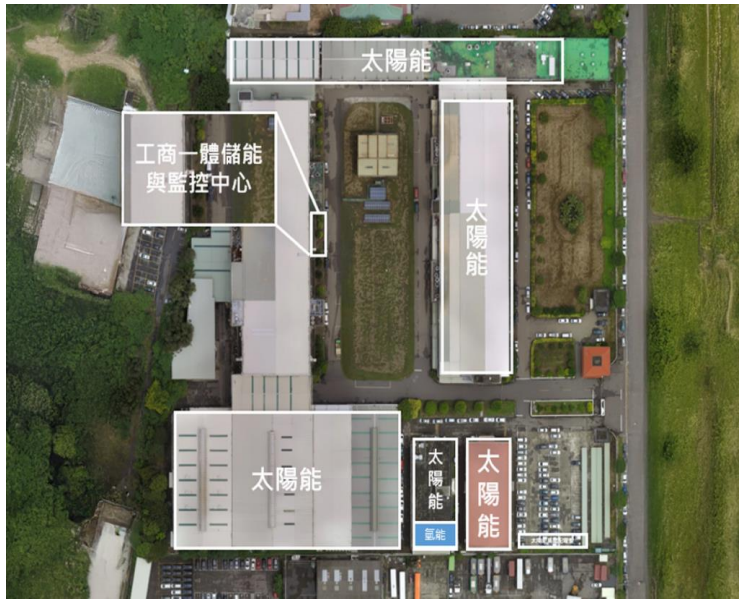


US 2MW/2MWh Energy Storage System Frequency Regulation Service

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

Virtual Power Plant (VPP)



- **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

Power & Energy Products

Switchgear (LV/MV)



24 kV Medium-Voltage Switchgear Panel



IEC 61439-2 Low-Voltage Switchgear Panel

Generators



Diesel: 20–3,000 kW
Natural Gas: 60–1,200 kW

Medium Voltage Gas-Insulated Switchgear



E-GIS 23kV

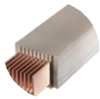


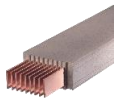
Pole Switch 15/25kV

Busway (LV/MV/Armored)



Cast-Resin Busway
EV Charging Station
Busway / Laminated Busbar
Data Center Busway





400 - 6300 A



1000V~36KV



AC Electrical Switch



MS



Multifunction Power Meter



ACB



MCCB

PCS/BESS

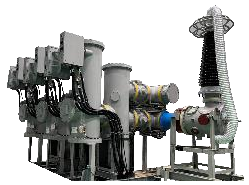




Centralized: ≥1,000 kW
Modular: ≤200 kW

BESS 372kWh~4MWh

High Voltage Gas-Insulated Switchgear



GIS 69kV



GIS 161kV

Transformers





Cast-Resin Dry-Type Transformer



Oil-Immersed Power Transformer

Oil-Immersed Distribution Transformer

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

Transformers



Oil and Gas, Utilities, and Mining

Energy & System Automation Business Group

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

Move to Lead 開創新局

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

Industrial Drives – Power Protection and Distribution

Contactor

AC Contactor




CU、CN、TMC Series
6~800A

DC Contactor



TMC-Z Series
40~800A

Magnetic Switch



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

Industrial Automation - UAV Powertrain





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

95W Model A — Model D 300W — Model E 450W — Model F 600W — Model G 800W — Model J 1000W

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

ESC A 40A — ESC C 60A

Servo Control - Servo System



Packaging Machines



Laser Cutting Machines



Overhead Hoist Transport



General-purpose Automation

Programmable Controller



PLC
AP series



Motion Controller
MP series

HMI



HMI
AH series

AC Servo System

JSDG2S



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

JSDG3

NEW



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

JSDL2



220v
0.1-3.0kw

JSDL3

NEW



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

AC Servo Motor



PUC series
Ultra Low Inertia



TSS series
Low Inertia



TSJ series
Medium Inertia



TSF series
High Inertia

DC Servo System

JSDT2



DC 48v 0.1-0.4kw
Absolute Encoder
EtherCAT

JSDT1



DC 24v / 48v
0.1-0.75kw

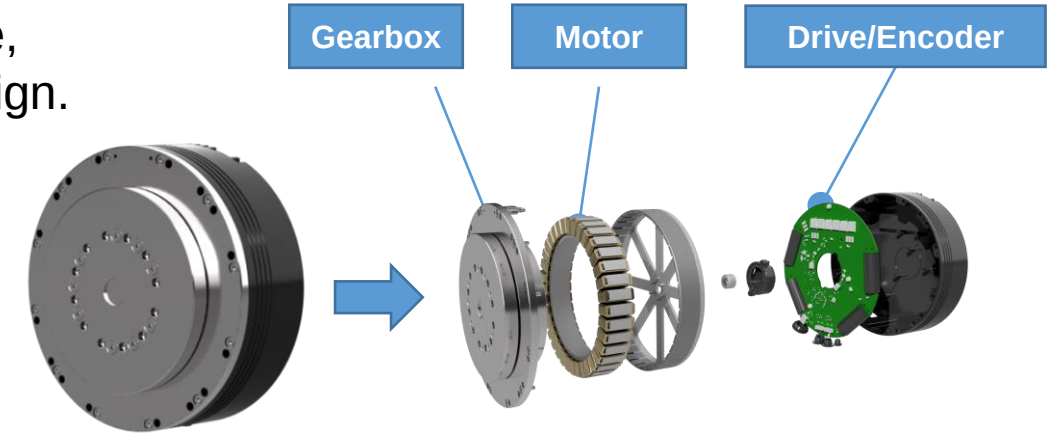
DC Servo Motor



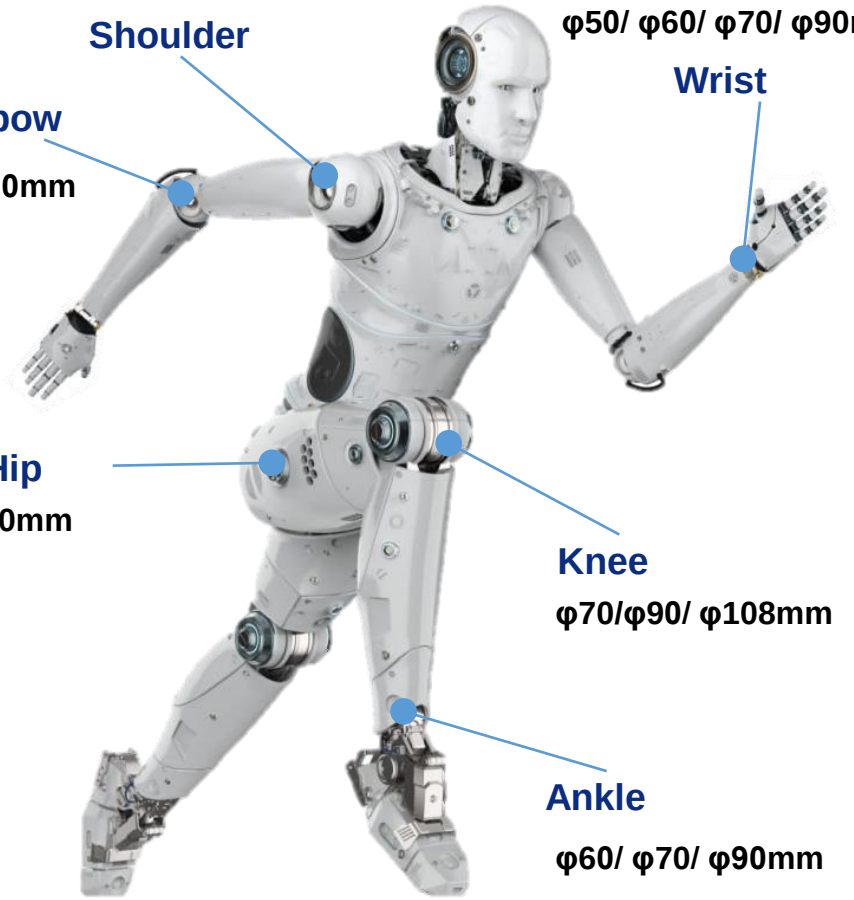
PUC series (DC)
Ultra Low Inertia
23-bit resolution
Maximum speed 6,000 rpm
IP67 Protection

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.

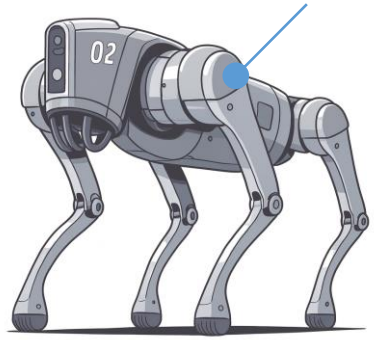


Humanoid Robot



Quadruped Robot

φ50/ φ60/ φ90/ φ115/ φ145mm



SCARA

φ50/φ60/ φ90/ φ115mm

AGV

φ50/ φ60mm



System Integration - Energy Service

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.



Energy Saving Planning & Execution

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

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

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

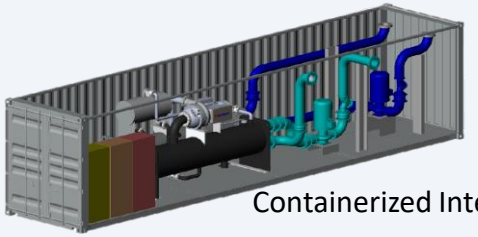
Integrating on-site equipment signals with backand information systems, connecting PLC, SCADA with upper MES/ ERP. Through real-time data and analysis, helping managers make better decisions on materials and processes.

HVAC Technology Business Group

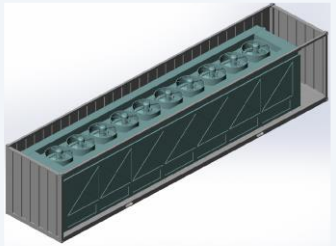
Core Products & Solutions

MDC 2-in-1 IDC Air-/Water-Cooled Cooling Module	• Containerized Cooling Systems (Chillers, Free Cooling, Liquid Cooling, etc.)
Containerized Integrated Solution	• Containerized Chiller • Containerized Cooling Tower System
Wide-Temperature Smart HVAC Solutions	•HVAC Solutions for Temperatures from −55°C to 180°C
Refrigeration and Freezer Technologies	•Refrigeration Solutions •Industrial Pump Product Portfolio





Containerized Integration





HVAC Products





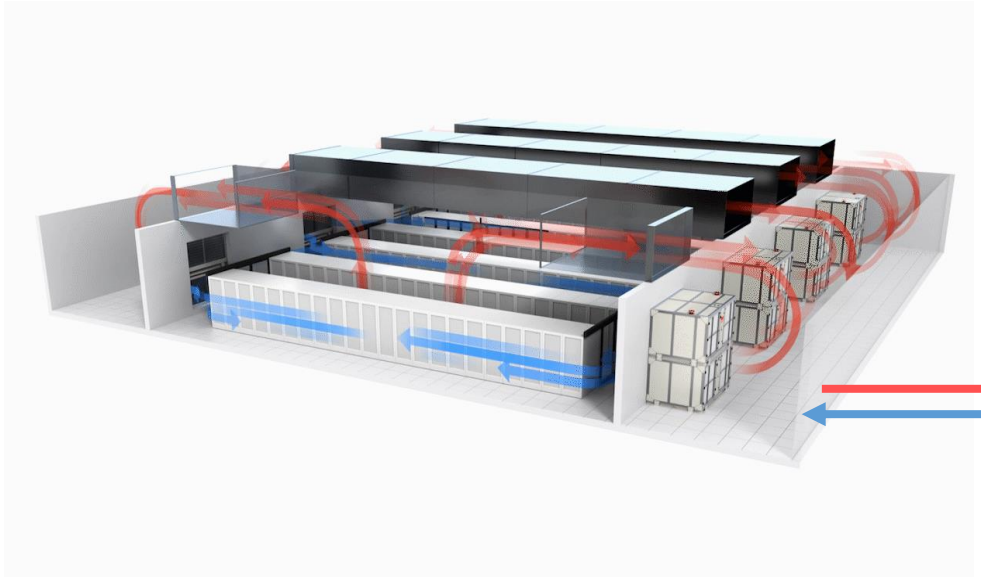
Refrigeration



Waste Heat Recovery

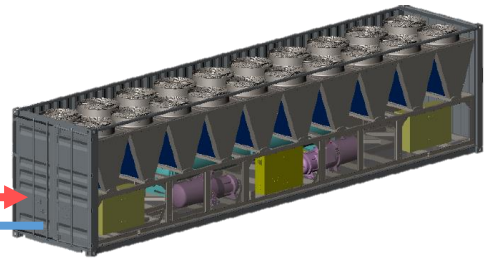
Data Center- Containerized Integrated Solution

Power Usage Effectiveness ）PUE ≦ 1.2

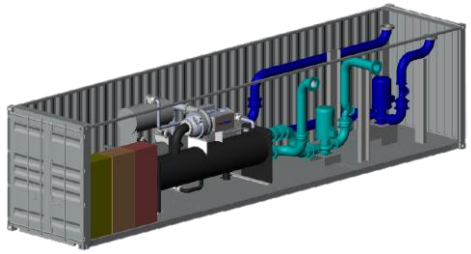


Container Integrated Chiller

Air Cooled

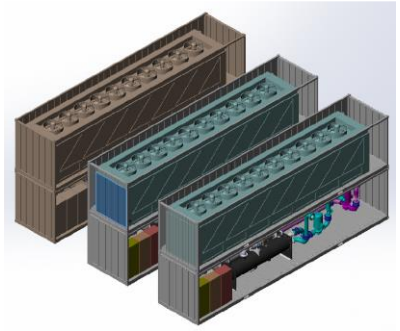


Water Cooled

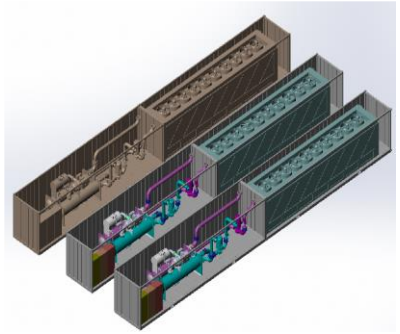


ALL IN ONE
include Power Cabinet, VFD Cabinet,
Control Cabinet, Cooling Pump, Chilled Pump

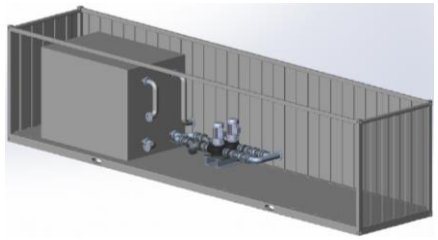
Stack Up Assemble



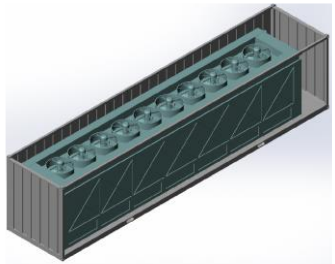
Side Assemble



Buffer Tank



Cooling Tower



Full-Temperature-Range Smart HVAC Solutions

Freezing | **Refrigerated** | AC | Constant Temp & Humidity | Heat Pump

-55˚C — -7 ˚C — 15 ˚C — 27˚C — 60˚C — 180˚C

Optimized Operation (20–36% Energy Saving)

Installation Cost ↓30%

42% Energy Savings with Stable Temperature & Humidity Control

80% CO2 Emissions Reduction



Low-Temperature Secondary Refrigeration System



Brine Chiller



DC Inverter Refrigeration Unit



Multi / Single



Water-cooled / Air-cooled Inverter Packaged Unit



VRF



Centrifugal / PM Screw Chiller



Magnetic Bearing / Air Bearing Chiller



High Temp Heat pump



Hyper Temp Heat Pump

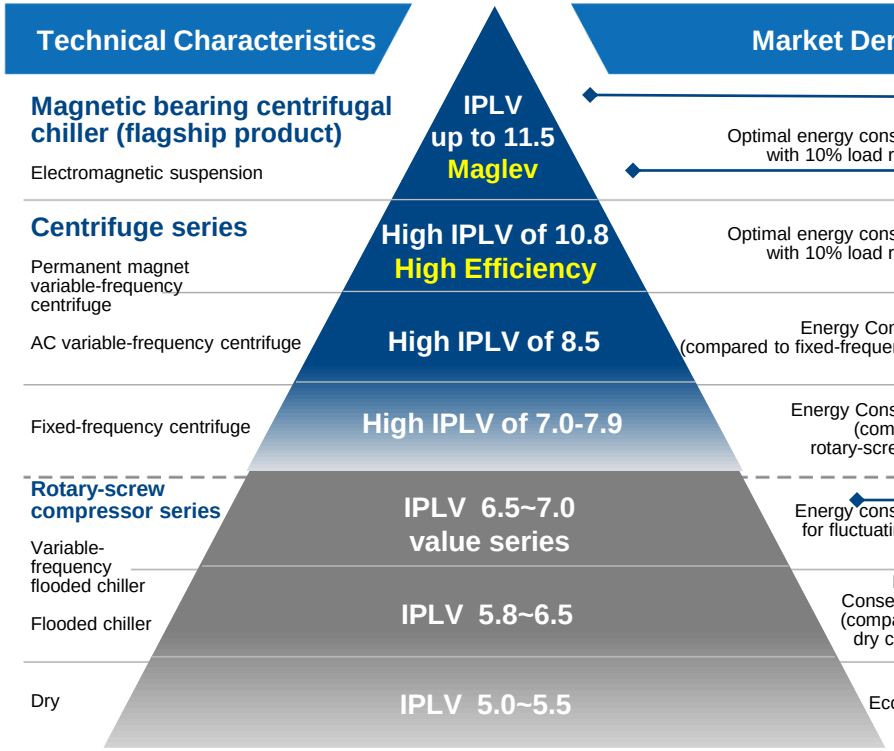
	Ultra-Low Temperature	Frozen	Refrigerated		Process Cooling		AC	Constant Temp & Humidity		Heat Pump
℃	-55℃	-7℃	5℃	10℃	15℃	20℃	27℃			180℃
Application	Ultra-Low Temperature Frozen Food & Vaccines	Frozen Meat Storage	Fruits & Vegetables Storage	Beverage Storage	Food Processing	Pharmaceutical Storage	Commercial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

Air-Conditioning System Solution—One-Stop Service



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

Air-Con Chiller/Unit Cooler/VRF

Cooling Brine Cooler/Unit Cooler

Freezing Unit Cooler

Engi-neering Air-con/Refrigeration/ Freezing/EMS

- Refrigeration and Freezing Machine
- Refrigeration and Freezing Evaporator
- R&F Piping and Electrical Insulation Project
- Brine System Machine
- Display Cabinet Piping and Electricity Insulation Project
- Magnetic Suspension Machine Air Conditioning Box
- Air-con System/ VRF
- Air-con System Piping and Electricity Insulation Project
- Energy Management System
- Insulated storage panel installation project



High-Efficiency Energy-Saving ESG R407H New Refrigerant

Optimized Operation with Inverter Condenser Units + Inverter Air Conditioning Units



Wide Range of Air-Conditioning Products



Frozen System



Direct Expansion Air Conditioning Unit



Chiller System

Industrial Heat Pump (Temperature Zone)

60℃ 95℃ 120℃ 140℃ 180℃

Low Temp

Air Source Heat Pump



7 ℃ -60℃

Waste Heat Source Heat pump



30℃ -60℃

High Temp

Air Source Heat Pump



60 ℃ -80℃



80 ℃ -95℃



90 ℃ -125℃

Scroll



Screw



60 ℃ -120℃

Centrifugal



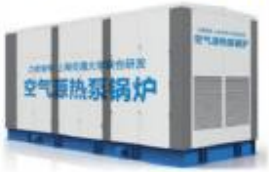
Hyper Temp

Waste Heat Source Heat Pump



80 ℃ -145℃

Steam Compression



100 ℃ -180℃


70
TECO
Move to Lead
開 創 新 局