



FUZETEC

富致科技股份有限公司

Fuzetec Technology Co., Ltd.

Stock Symbol : **6642**

Fuzetec Technology Company Profile

2026/8/28 法

免責聲明 Safe Harbor Notice

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Fuzetec New Headquarter

No.111, Wu-Gong
1 Road, Wu-Gu Dist.,
New Taipei City, TAIWAN

Factory Area :
8,030 sq m/86,500 sq ft



Agenda

1. Company Overview

2. Main Product & Market

3. Core Competence &
Operational Performance

4. Future Outlook

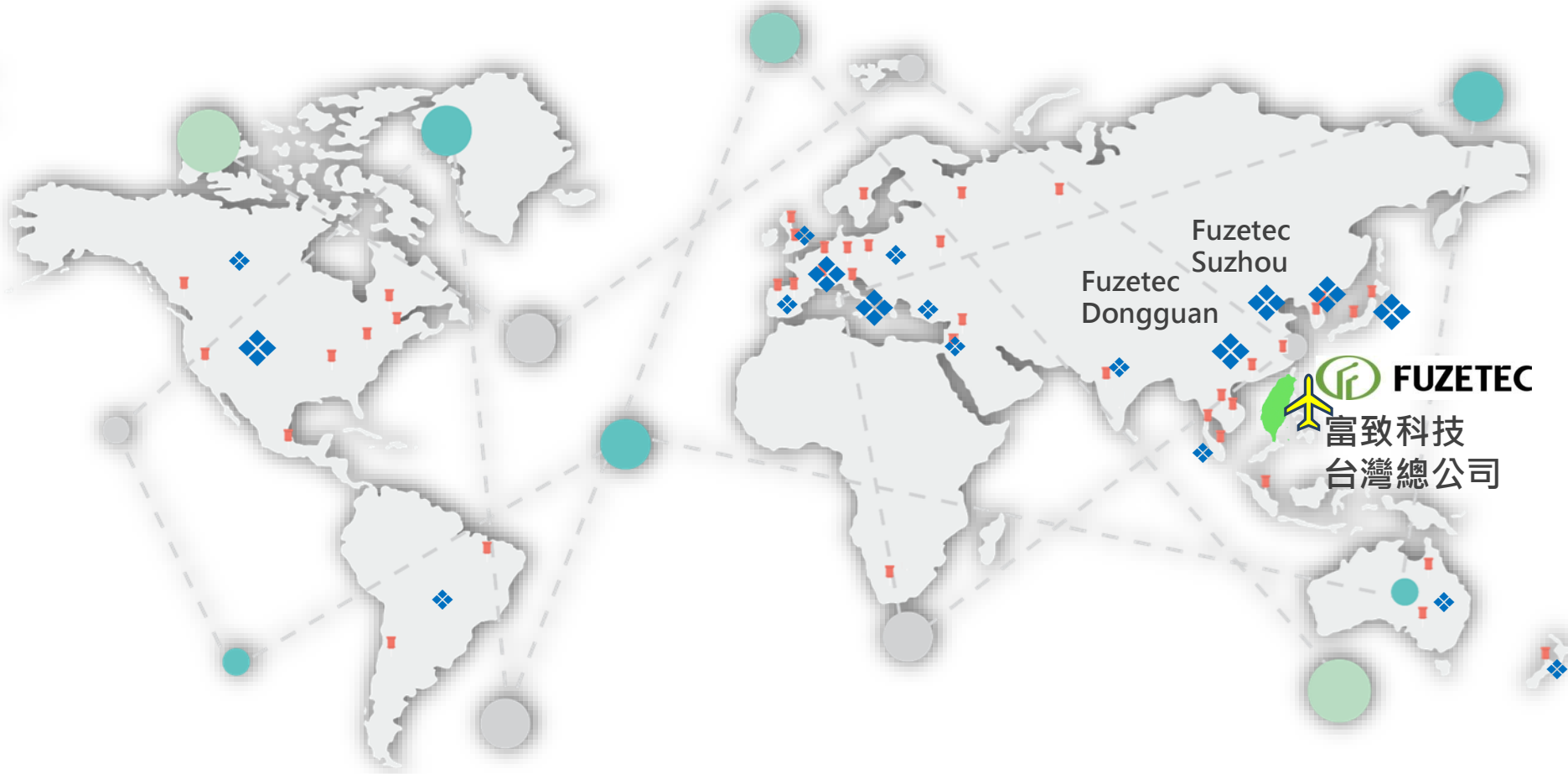
5. ESG/SDGs



Fuzetec Company Overview

Established	Dec. 1999
Chairman of Board/ CEO	陳繼聖 Jack Chen
Capital	USD 13.5 M
Headquarter	No.111, Wu-Gong 1 Road, Wu-Gu Dist., New Taipei City, TAIWAN
Employee	140
Main Product	Circuit Protection Solutions Provider : PPTC Resettable Fuse TVS/ESD/MLV/MOV OCP+OVP Hybrid Power MOSFETS

Fuzetec Global Network



Global Presence in more than 40 countries

Company Milestone

- ★ Fuzetec Established
- ★ Mass Production Started,
- ★ Acquired ISO 9001:2000



- ★ **QS 9000** Automotive & ISO 14000, RoHS & Lead Free
- ★ Automotive ISO/TS **16949**

- ★ Fuzetec China Suzhou Office
- ★ Global Network Expansion
- ★ Production Capacity reach 200 M pcs



- ★ Big Growth in Automotive & Energy Market
- ★ Custom Design for Visteon - **Tier 1 Automotive** Supplier to Ford



- ★ **Company IPO** & Automotive IATF 16949
- ★ Production Capacity reach 500 M pcs



- ★ Issued New Common Shares

1999-2001

2004-2006

2010

2013-2016

2017~19

2021

- ★ **New HQ building start Operating** Capacity Doubled.
- ★ Target on AI, Automotive, Automation/Robot

- ★ New HQ construction completion.
- ★ **Golden Merchant Awards**

- ★ ESG/SDGs
- ★ Talent development
- ★ Introduce power semiconductor
- ★ Total Circuit Protection Solution Provider

- ★ New HQ start building, ECD in 2025.
- ★ National Award of Outstanding SMEs
- ★ ISO 14064

- ★ Introduced **MOV/TVS & Hybrid** Products.
- ★ New Taipei Enterprise Classic Awards

2026

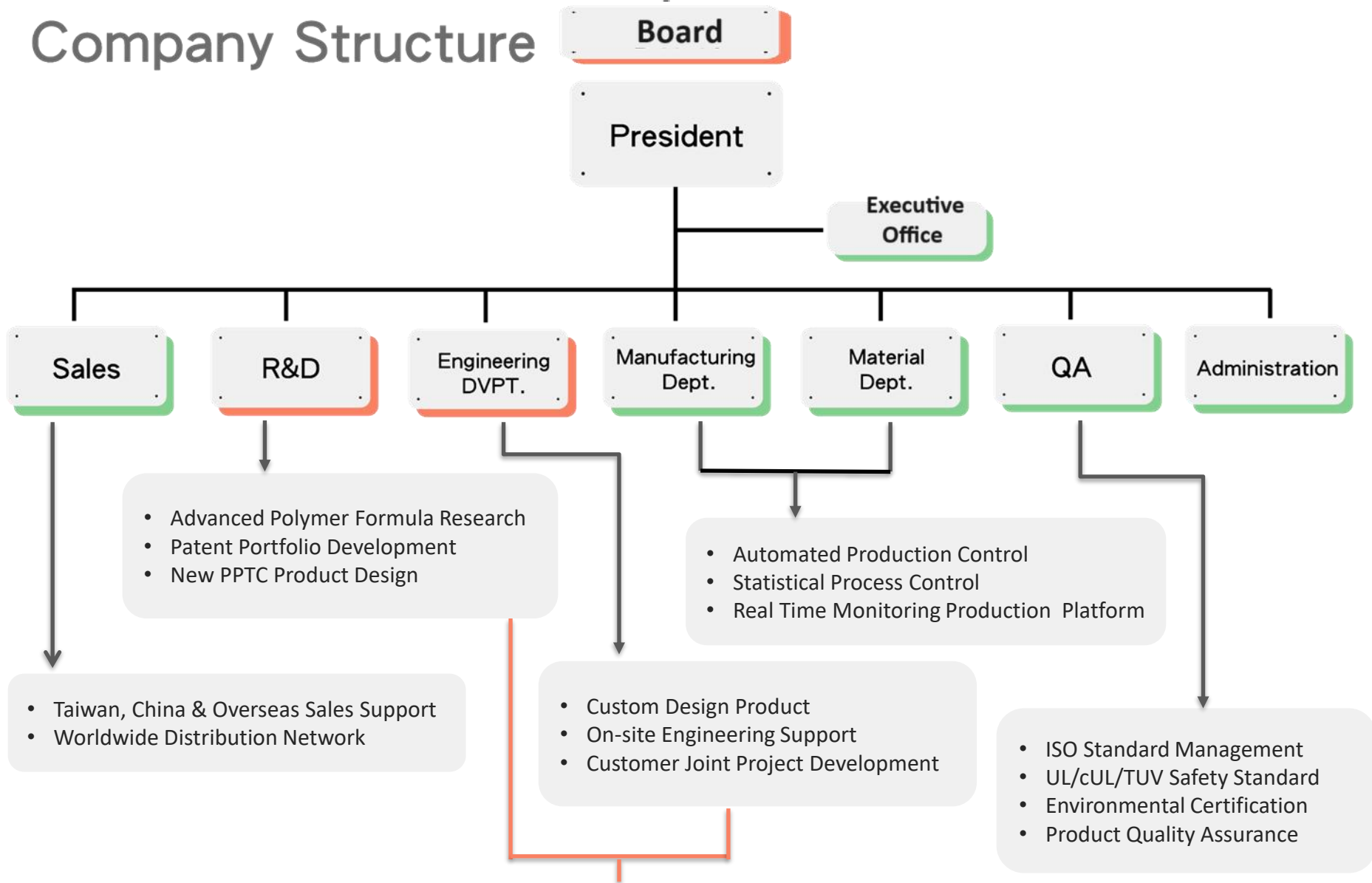
2025

2024

2023

2022

Company Structure



20% of Fuzetec Employees

Agenda

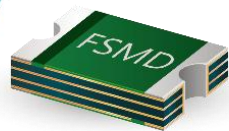
1. Company Overview
2. Main Product & Market
3. Core Competence &
Operational Performance
4. Future Outlook
5. ESG/SDGs



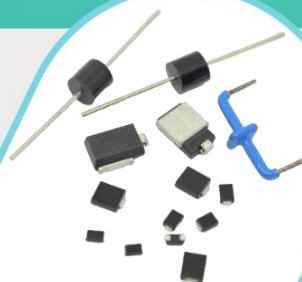
Fuzetec Product Line-ups

Future Technology Safety Advocate

Your circuit protection solutions provider



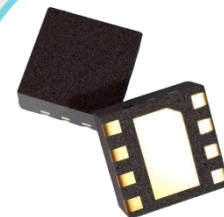
Over
Current



Over
Voltage



Hybrid
OCP+OVP



Power Semi-
conductor

Overcurrent Protection

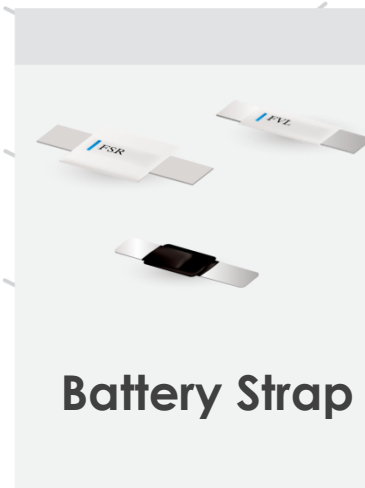
PPTC Resettable Fuse



Fuzetec SMD & Low Rho SMD Products for IoT/ Smart Application & Wearable Devices



Custom Design PPTC Products for Automotive and DC Motor Protections

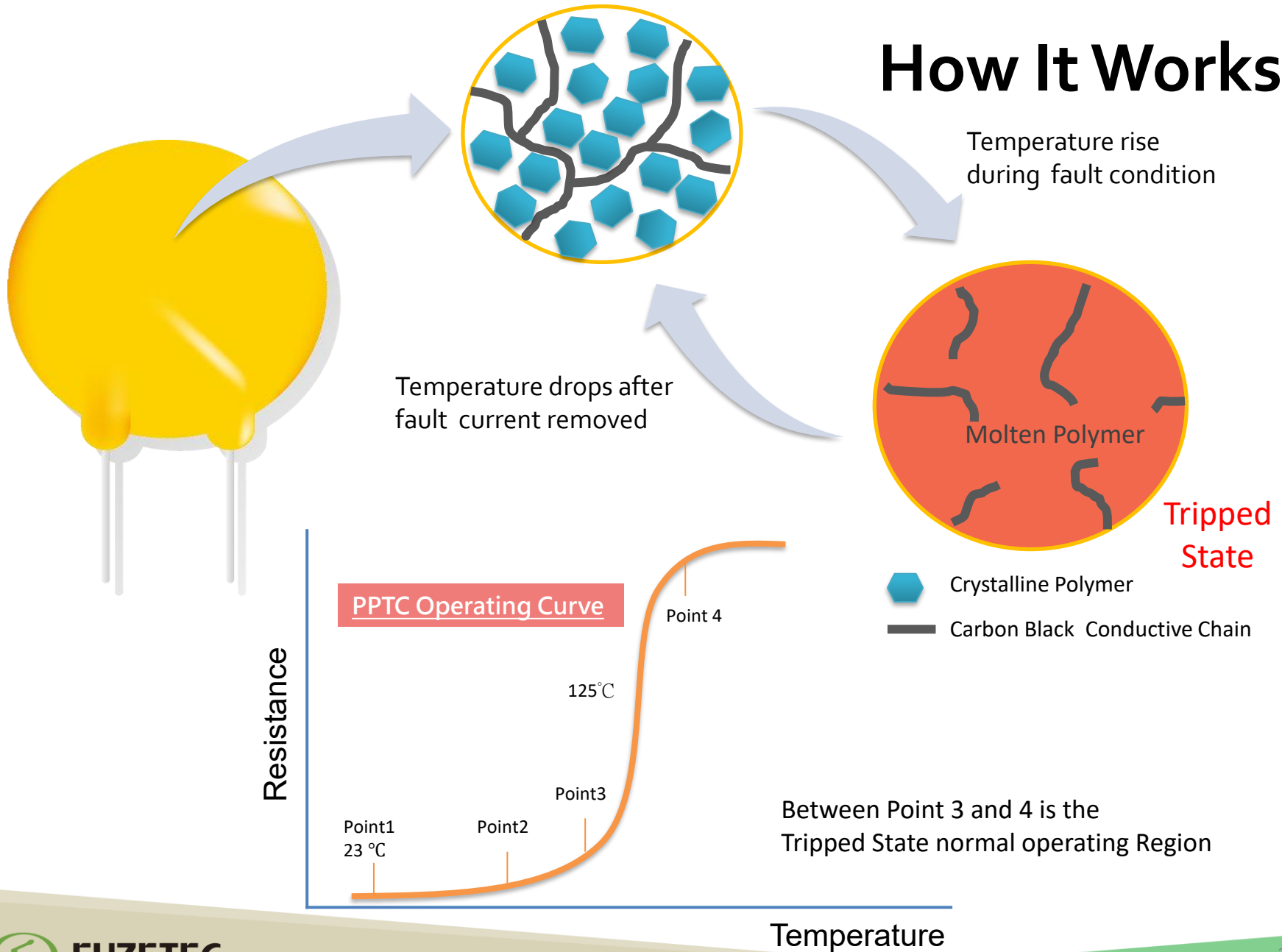


Battery Strap PPTC for Li-ion Battery Cell BMS/PCM



Patented High Temp/ High Voltage Formula; for Automotive , Industrial, Telecom and Network Applications

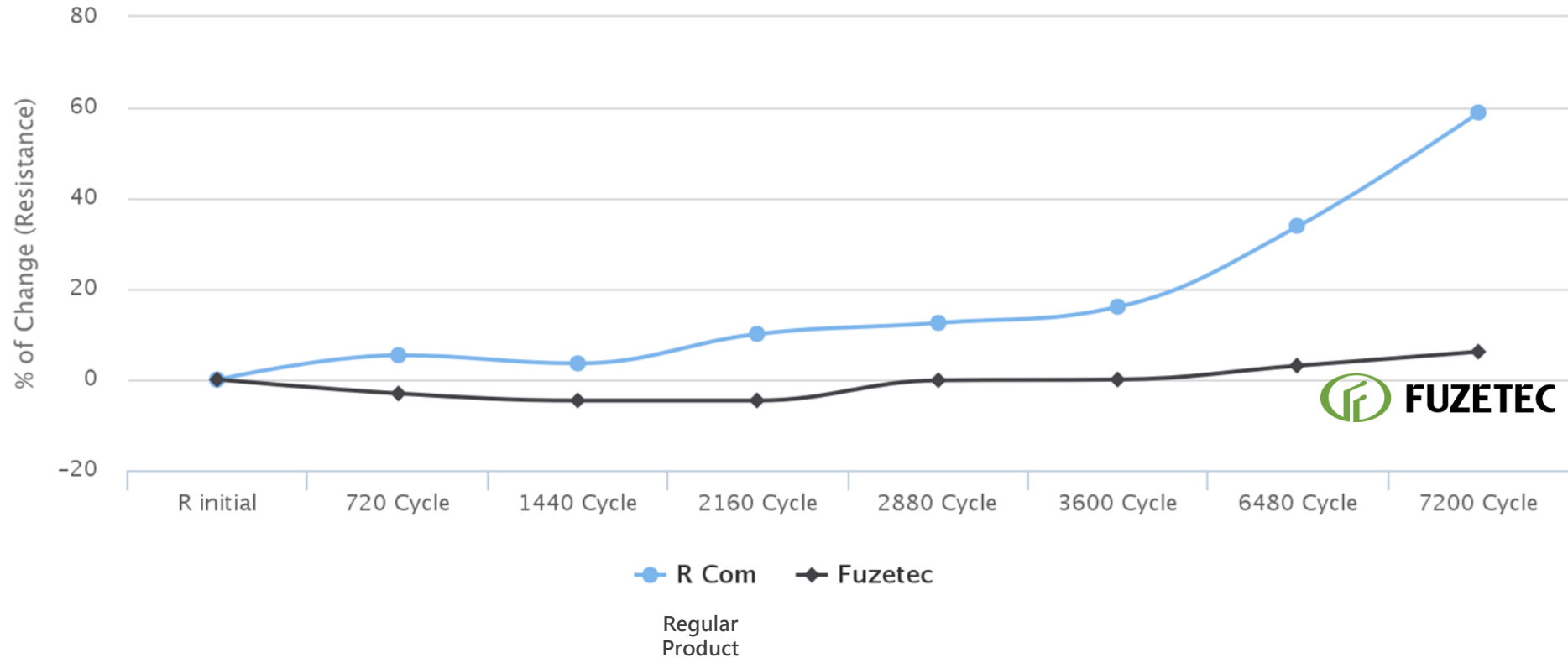
How It Works



Reliability Comparison

Cycle Test (Endurance)

Per UL1434 PTC Thermistor
Test Standard



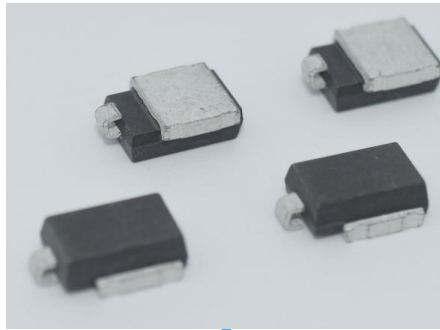
Fuzetec TVS Product

SMD TVS



Package :
SMA/SMB/SMC
Power Range :
400~5,000W

Automotive TVS



Package : DO-218
Power Range :
3,600~6,600W
Automotive AEC-Q101
Qualified

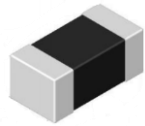
High Power TVS



Package :
R6-P600/ Custom
Power Range :
15,000~30,000W

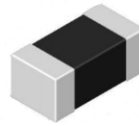
Fuzetec ESD/MLV/MOV Product

ESD



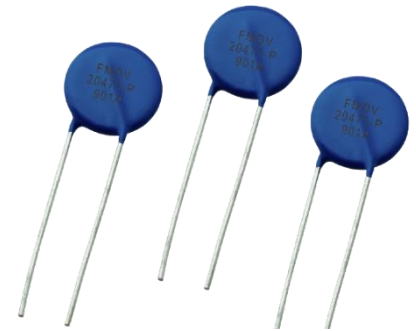
Package :
0201/0402/0603
ESD Capability :
 $\pm 30\text{KV}$ (contact) ;
 $\pm 30\text{KV}$ (air)

MLV (Multi-Layer Varistor)



Package :
0402/0805/1206/1210/18
12/2220/3225
 V_{AC} Range: 4~40 (V)
 V_{DC} Range: 5.5~56 (V)
Peak Pulse Current:
20~1000A (@8/20us)

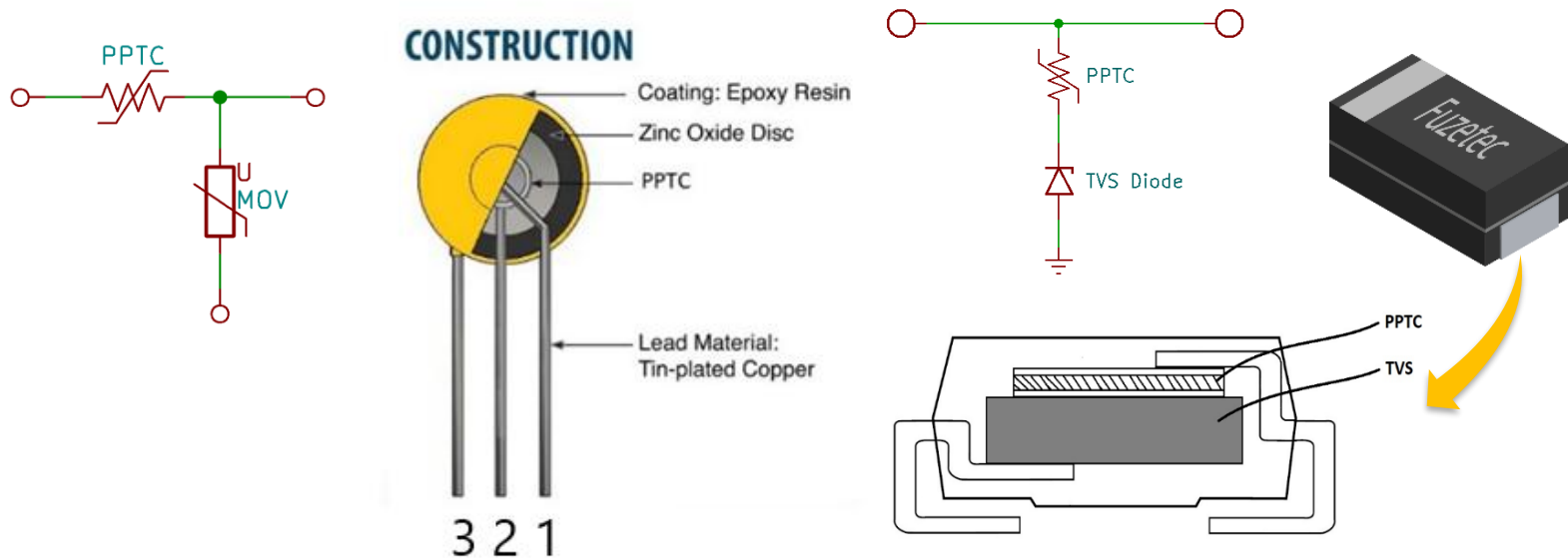
MOV



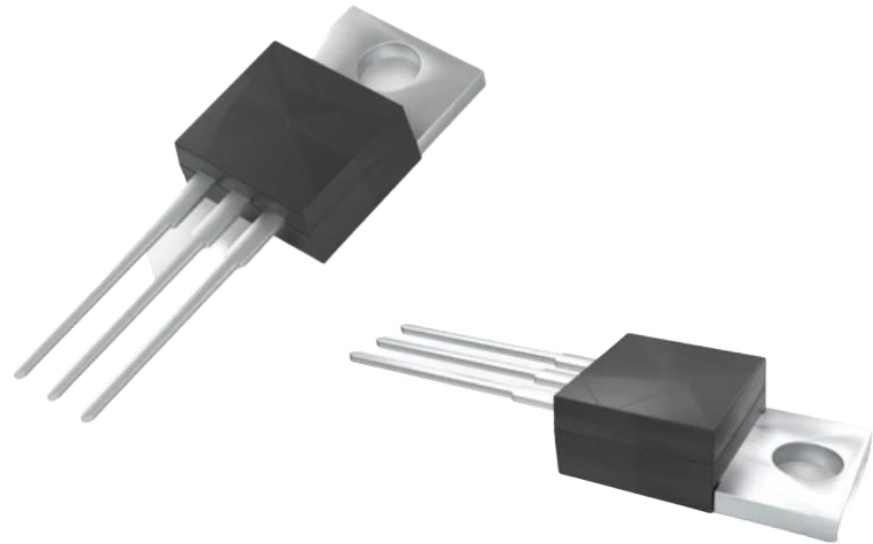
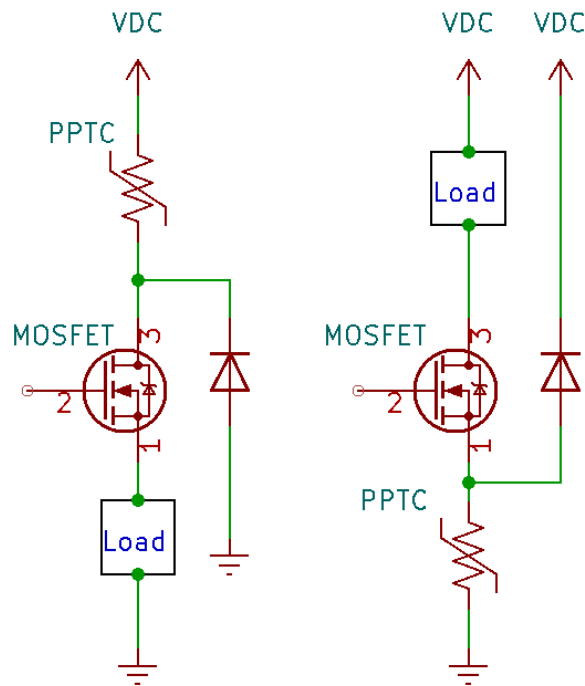
Size: 5 $\emptyset$ ~ 20 $\emptyset$
 V_{AC} Range: 11~680 (V)
 V_{DC} Range: 14~895 (V)
Peak Pulse Current:
100~15000A
(@8/20us)

Hybrid Circuit Protection

OVP+OCP Hybrid Component : Combining Ceramic(MOV) or Semiconductor (TVS Diode) overvoltage protection devices and PPTC base plates with Fuzetec's innovative new patents , we create a comprehensive circuit protection solution with higher surge immunity and lower the risk of catastrophic thermal runaway .



Power Semiconductors – MOSFET



The primary design considerations in MOSFET applications are the heat generated during load switching and the reverse current. PPTC can effectively solve the reverse current problem, and the capability of use with smaller heat sinks can significantly reduce the cost, weight, and size of MOSFET applications. Fuzetec can provide circuit solutions for MOSFET applications and is actively developing PPTC-integrated MOSFET hybrid products.

主要市場



Target Market



EV/Autonomous



AI/Data Center/Server

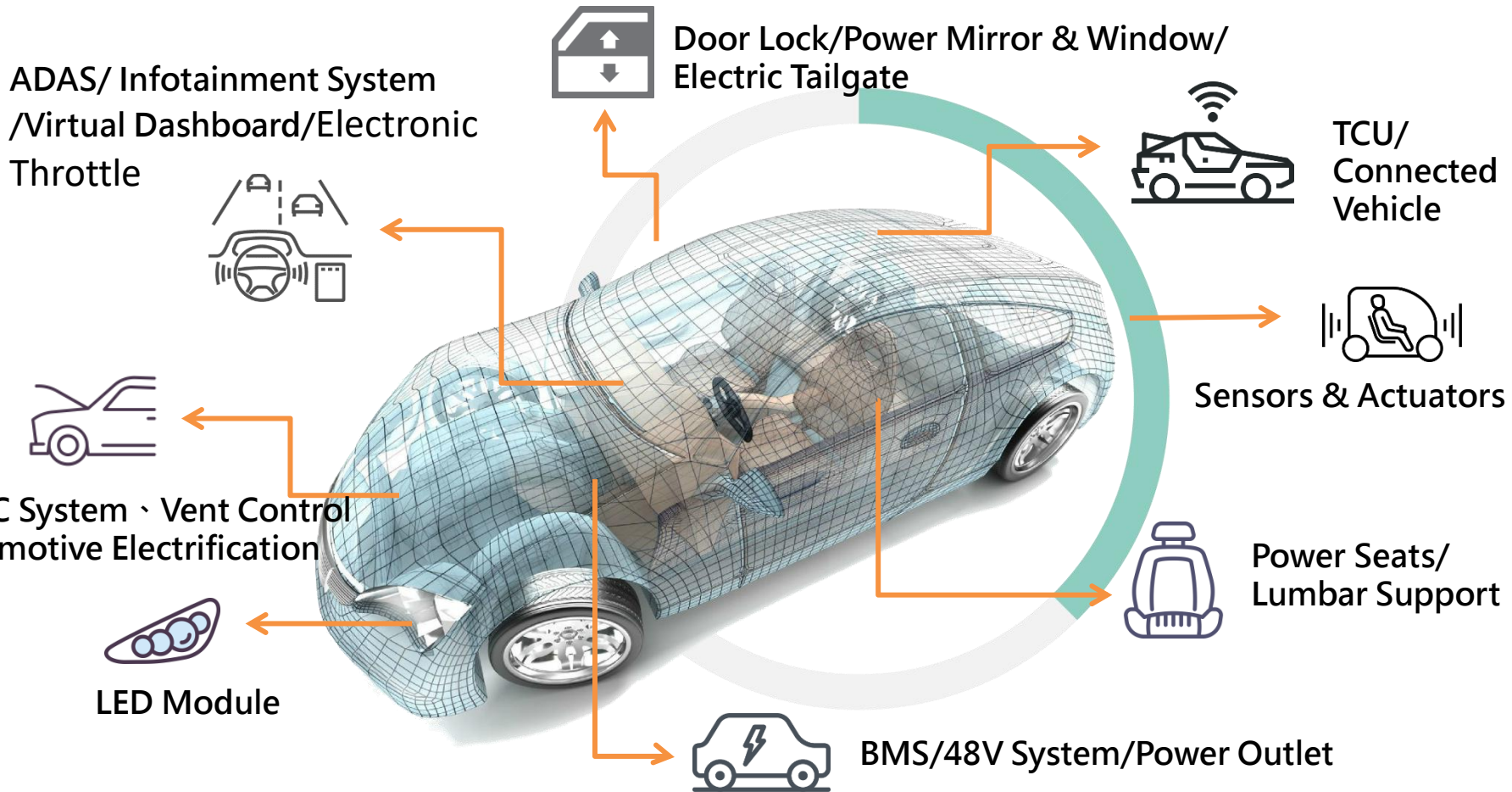


Automation/Robot



Energy/ Conversion
& Storage

EV/Autonomous



More than a decade of experience in Automotive market, **ISO/TS 16949** certified **AEC-Q200 qualified** products; work closely with First Tier automotive suppliers

EV/Autonomous



TESLA



HONDA



TOYOTA



HYUNDAI

Hyundai EV & Hydrogen
Fuel Cell



JVC

Pioneer

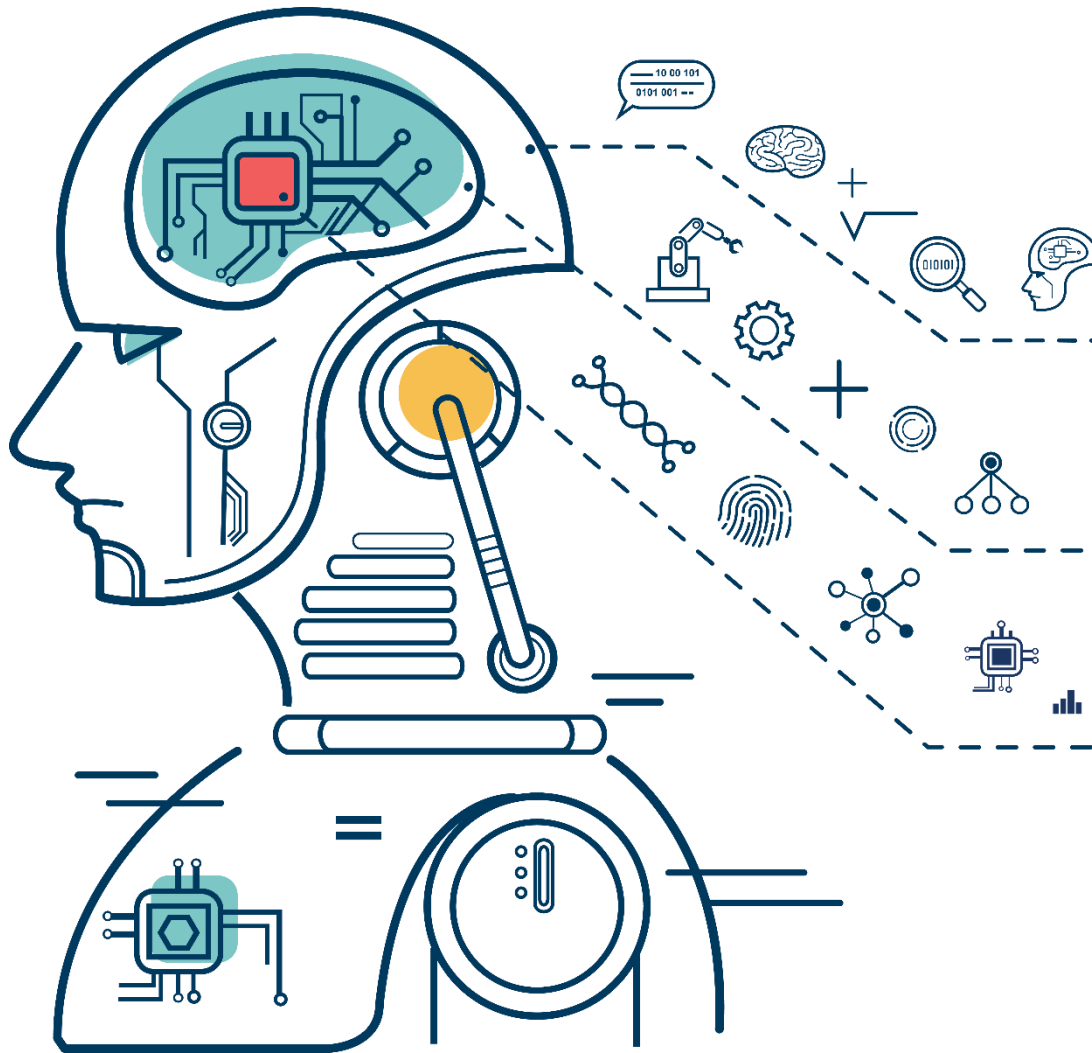
Leggett & Platt
AUTOMOTIVE GROUP



TATA MOTORS



AI/Data Center/Server



AI Equipment :
Protect costly ICs in AI equipment against Overcurrent .

Auto-Pilot system :
Protect Sensors and Telecom equipment Modules against Surge and Spike.

Data Center & Server :
Prevent ESD events and Telecom equipment being damaged from Surge and Spike .

Optimal Energy Management :
Ensure AI and Server equipment's achieve Optimal Energy utilization during power switching.

Circuit Protection Devices and Power Semiconductor play a crucial role in AI system assuring stability and long-term reliability.

AI/Data Center/Server



Automation/Robot



Under the trend of Automation/Robot Energy/ Conversion & Storage, global industries move toward smart manufacturing and applications. PPTC is the ideal circuit protection solution for machine control interface & power management.

Automation/Robot Energy/ Conversion & Storage

ASML

**APPLIED
MATERIALS®**

B/S/H/
BOSCH SIEMENS S&P

DeLonghi
KENWOOD
BRAUN



Miele


LG Chem

 **TADIRAN
BATTERIES**

Panasonic
SANYO



BOSCH
Power Tools

**BLACK+
DECKER**

 **VARTA**

ABB

GENERAC®

solaredge

KONE

 **ATHER**

CHAMBERLAIN

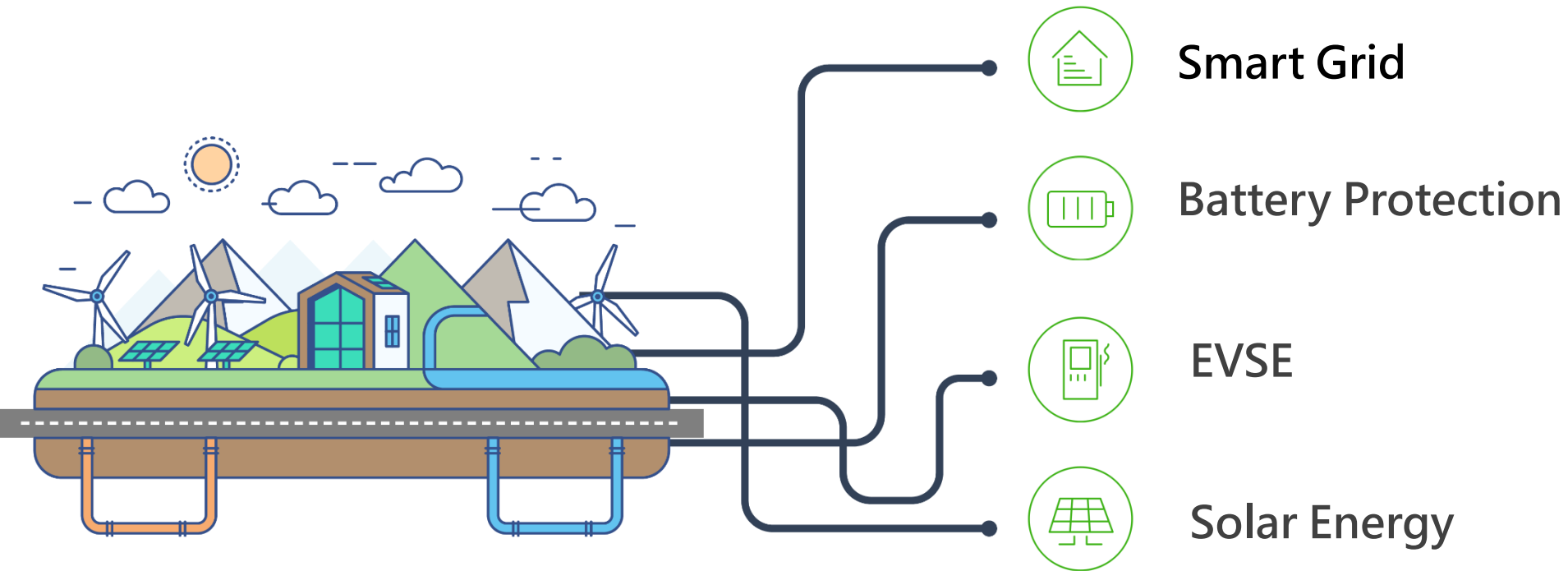
**SECTOR
ALARM**

tyco
Security Products

中興保全
SECOM

 **FUZETEC**

Energy/ Conversion & Storage



The evolution of battery technology and government policy support boost the adoption and deployment of EV and battery energy storage system. Fuzetec PPTC devices provide the ideal protection for EV BMS and BESS on/off grid DC/AC conversion

Agenda

1. Company Profile
2. Main Product & Market
3. Core Competence & Operational Performance
4. Future Outlook
5. ESG/SDGs



Competitive Advantage

1.Exclusive Patents

Exclusive patent & advanced PPTC formula provide Fuzetec products competitive advantage on Specs & reliability, compatible for automotive and other new industries.

2.Extensive Safety Standards

Fuzetec is IATF 16949 certified company and compatible for automotive AEC-Q200 and other telecom and industry safety standards.

3.Custom Design Capability

High custom design capability; special design products to meet customer requirement with prompt prototypes .

4.Complete Product Portfolio

Industry leading High Temp/High Voltage product lines and comprehensive over current/over voltage solutions.



專利布局



Patent Mapping

Fuzetec Patents

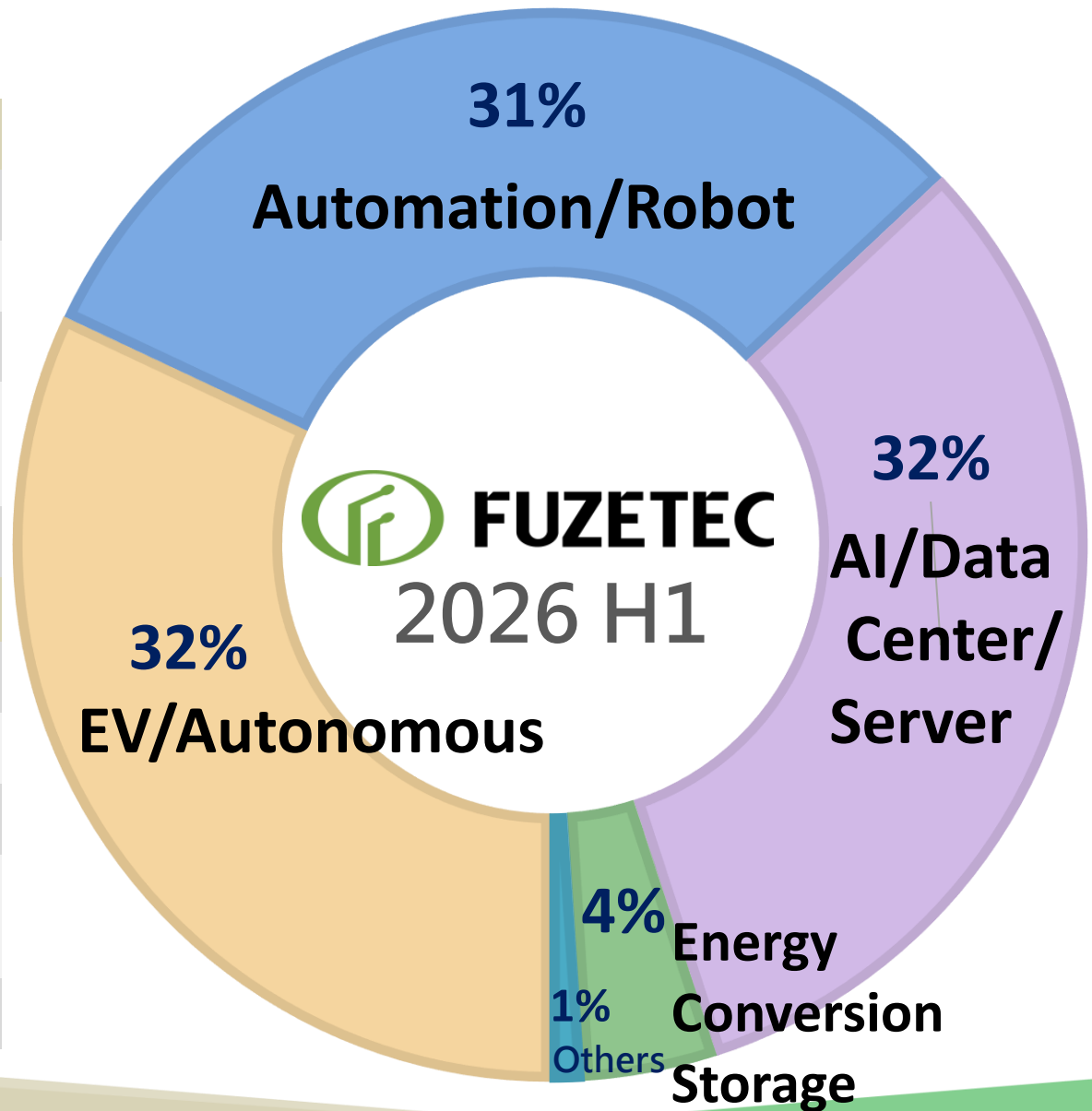
Apr, 2026

Region	Acquired	In Progress	Total
U.S	38	9	47
Taiwan	38	10	48
China	22	15	37
Total	98	34	132
Patent Type	Acquired	In Progress	Total
Formulation	38	12	50
Structure	54	22	76
Process	6	0	6
Total	98	34	132

*New Invention Patents: 98% , Formulation Patents: 38%

Product Applications

2024	
AI/Data Center/Server	30%
EV/Autonomous	36%
Automation/Robot	28%
Energy/ Conversion & Storage	5%
Others	1%
2025	
AI/Data Center/Server	32%
EV/Autonomous	36%
Automation/Robot	27%
Energy/ Conversion & Storage	4%
Others	1%



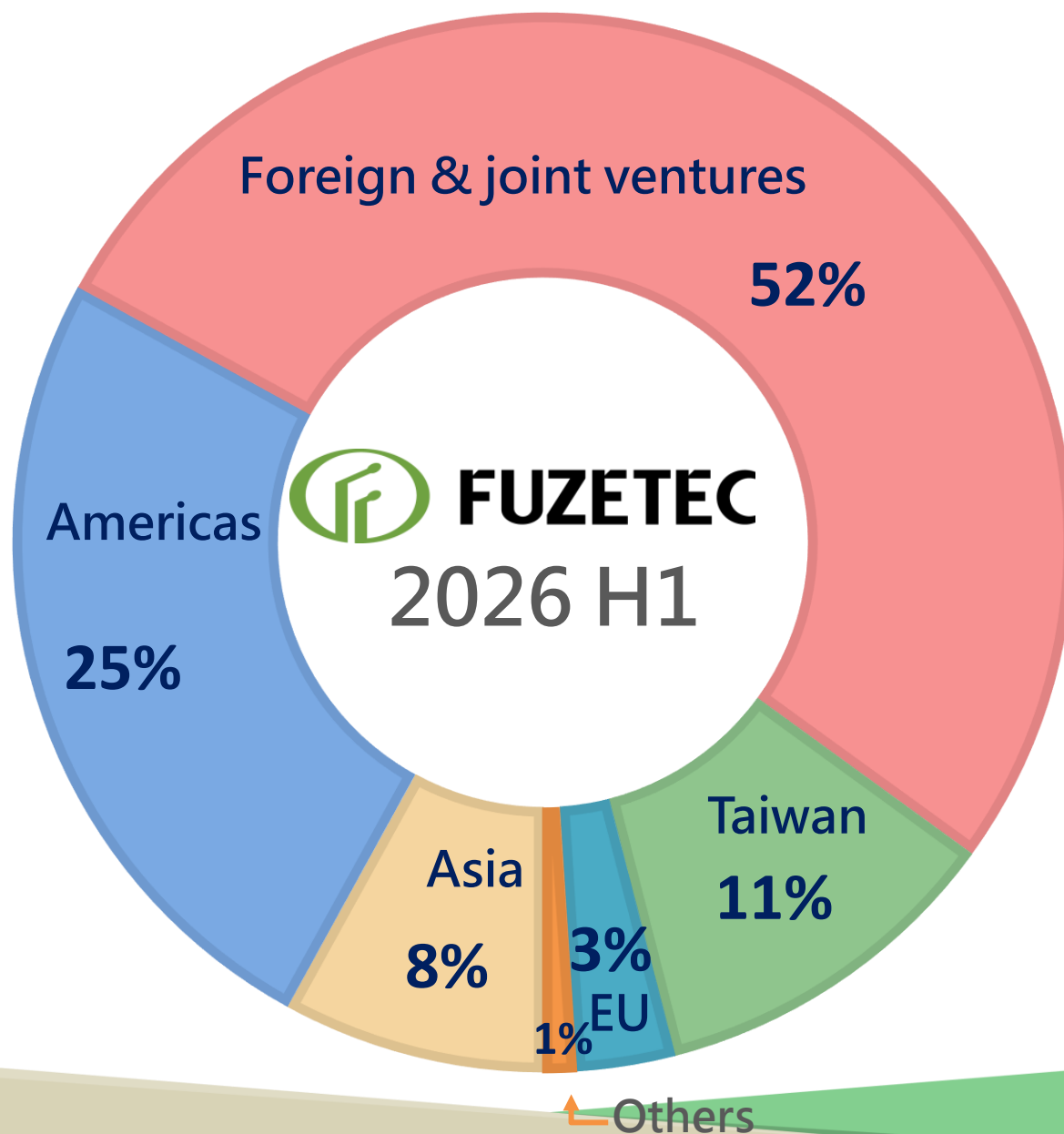
Sales Region

2024

Taiwan	12%
China	51%
Americas	19%
Asia	13%
Europe	4%
Others	1%

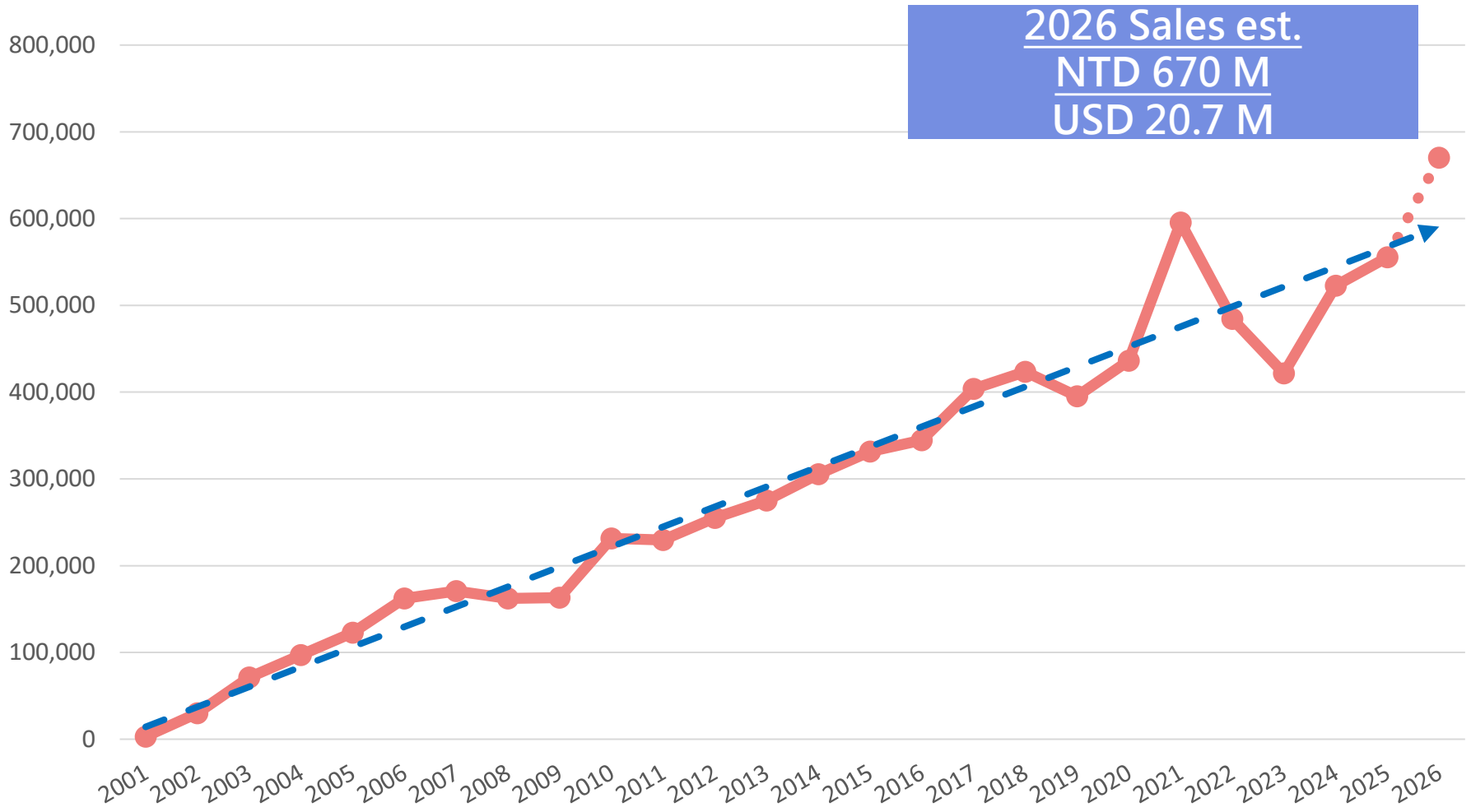
2025

Taiwan	12%
China	49%
Americas	24%
Asia	11%
Europe	3%
Others	1%

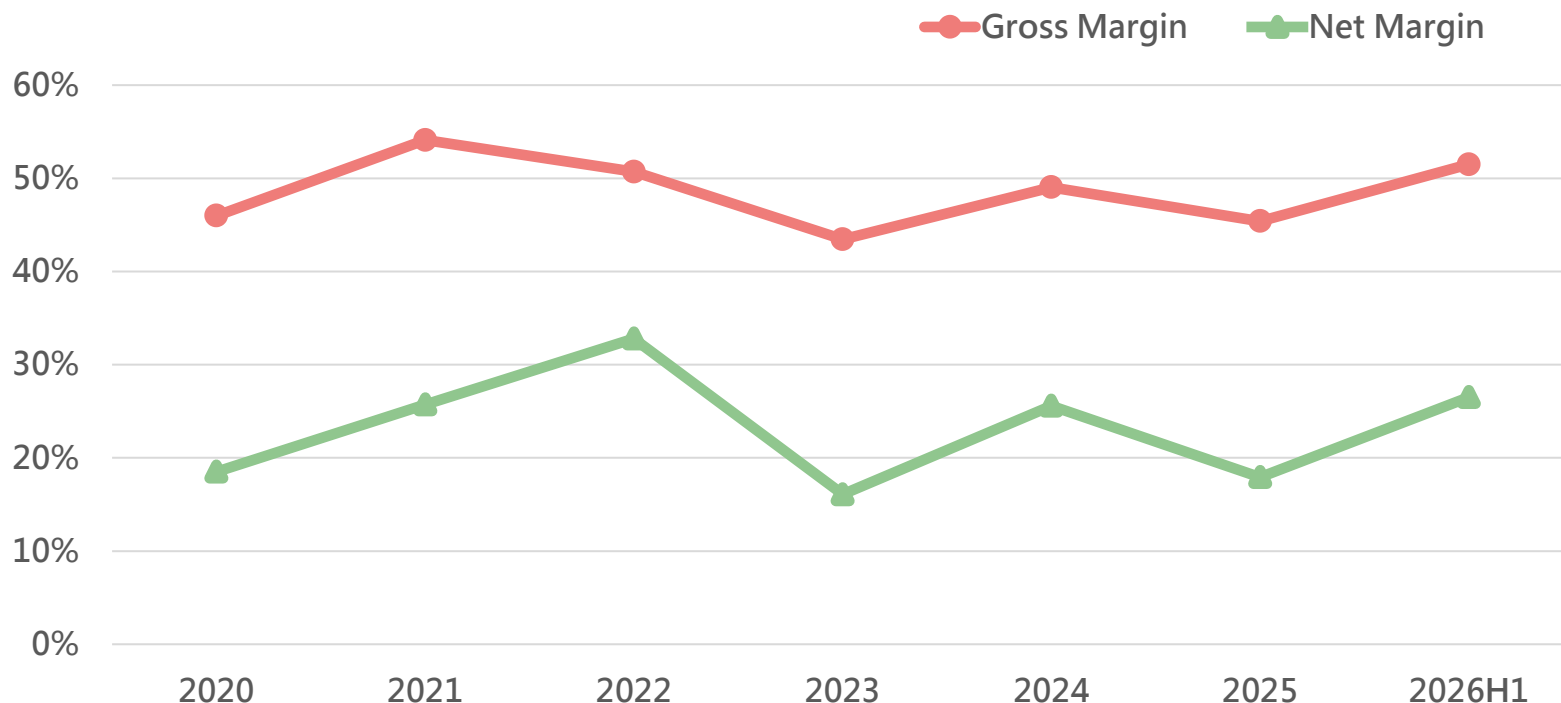


Sales Revenue

NTD/Thousands



Operating Performance



(NTD 仟元)	2020	2021	2022	2023	2024	2025	2026 H1
營業收入	436,274	595,500	484,325	421,680	522,732	541,583	321,278
毛利率	46%	54%	49%	43%	49%	46%	52%
稅後淨利	80,800	153,247	158,791	67,858	133,723	97,076	85,157
每股盈餘	2.57(NTD)	4.65(NTD)	4.25(NTD)	1.81(NTD)	3.58(NTD)	2.6(NTD)	2.28(NTD)

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Future Outlook

EV/Autonomous

AI/Data Center/Server

Automation/Robot

Energy/
Conversion &
Storage

EV/Autonomous



Automotive electronics will grow from USD 312.9 B to USD 660 B from 2023 to 2032, CAGR over 8.9%.

AI/Data Center/Server



AI/Smart will grow from USD 638.23 billion to USD 3,680.47 billion from 2024 to 2034, CAGR over 19.1% .

Automation/Robot



Global Industrial Control will grow from USD 495.7M to 754.5 M from 2024 to 2029, CAGR 8.77%.

Energy/ Conversion & Storage



Global renewables in final energy consumption will grow from 13% in 2023 to nearly 20% by 2030.

Global energy investment is set to exceed USD 3 trillion for the first time in 2024.

EV/Autonomous Outlook

Automotive VISION

Demand : Uncompromising
Reliability under **High-Temp,**
High Voltage and **High**
Frequency Signal Switching

Electric Vehicle, Automotive Battery Management System, 48V Mild-Hybrid System, Safety System, ADAS and Connected Vehicle will drive the growth of automotive electronics market °

EV

Electric Vehicle(EV) & Plug-in Hybrid Electric Vehicle (PHEV) become main stream



Batteries

Automotive battery management system for EV & PHEV demand high quality circuit protection °



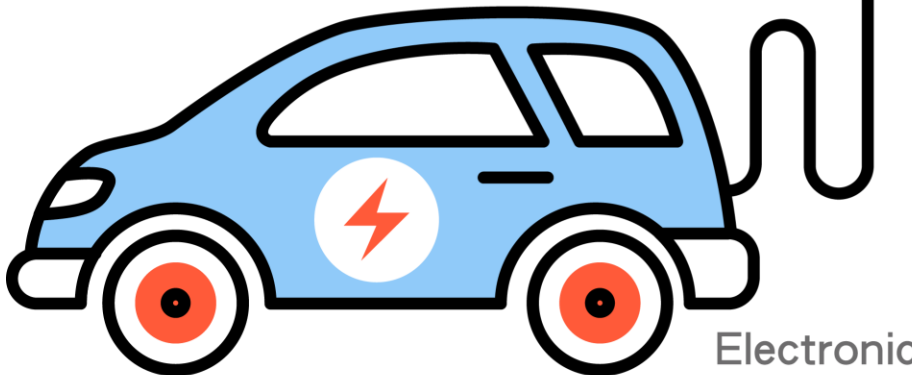
48V System

New 48V power system for mild-hybrid vehicle will grow rapidly °



Electronics-ization

Electronics system cost as a percentage of total car will reach 50% by 2030 °



AI Infrastructure & Terminal Devices

Building IoT infrastructure and the growth of IoT devices will boost the market of circuit protection components. The custom and personalized feature of IoT market will also increase the demand of customized circuit protection solutions.



AI/Data Center/Server



Cloud & Big Data



Smart City/
Smart Home

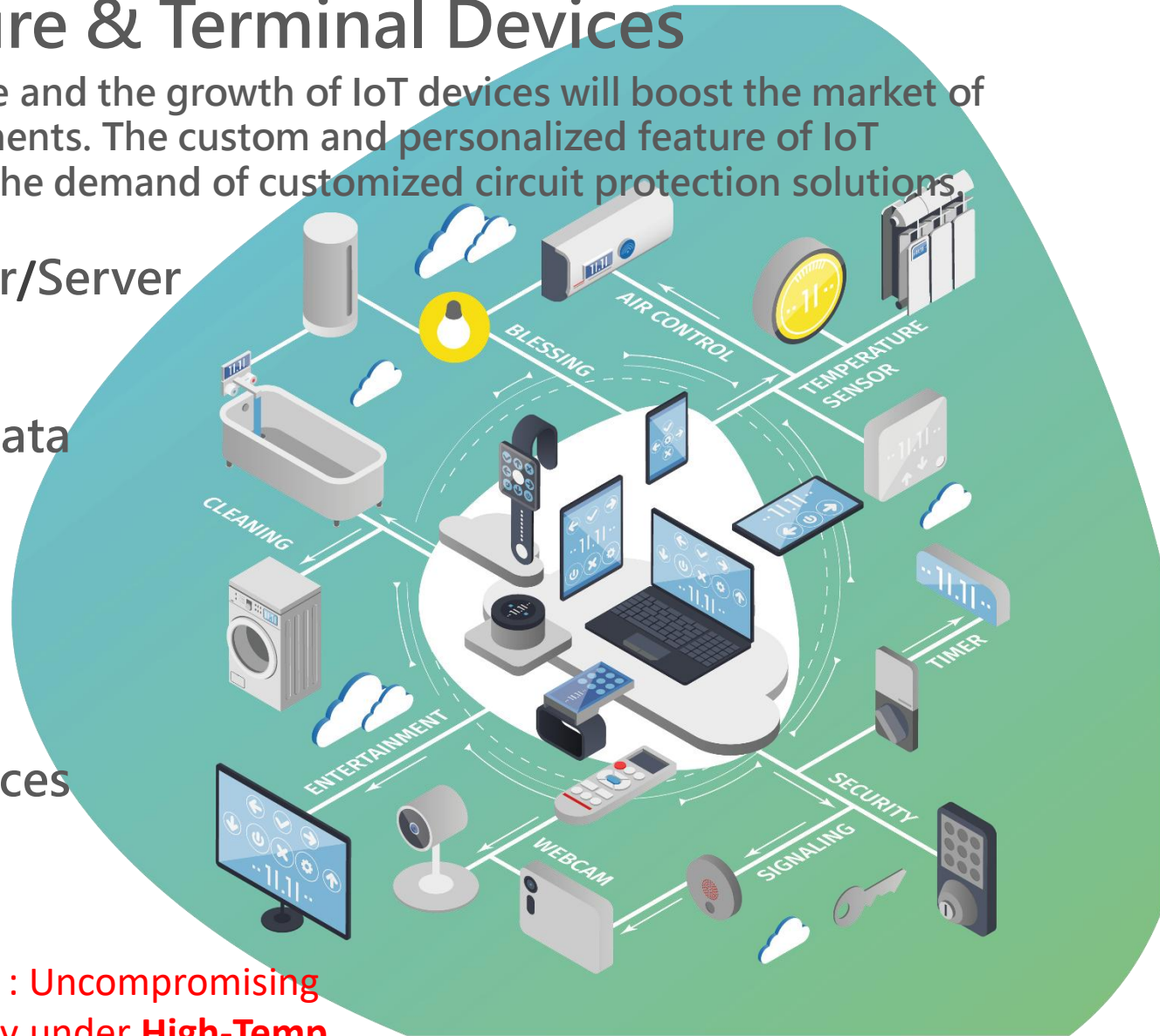


Wearable Devices



AI Application

Demand : Uncompromising
Reliability under **High-Temp**,
High Voltage and **High**
Frequency Signal Switching



Automation/Robot Market Trend

As part of this digital transformation, manufacturers are investing in new technologies that leverage the capabilities of IoT, cloud, and big data analytics to enhance their ability to innovate and maximize return on their assets.

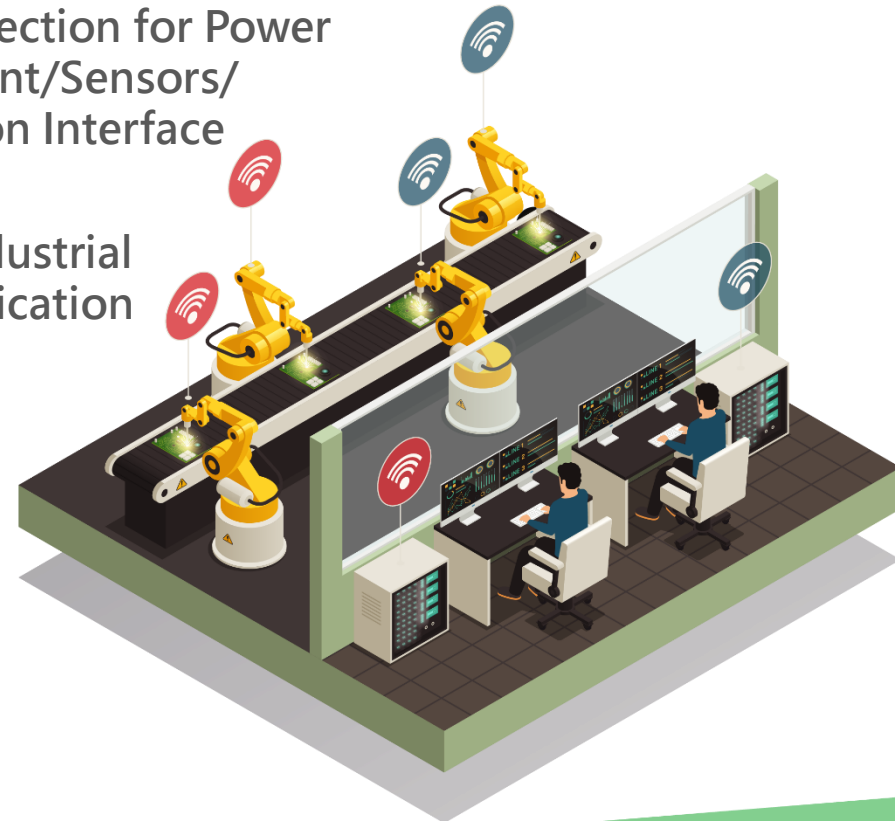
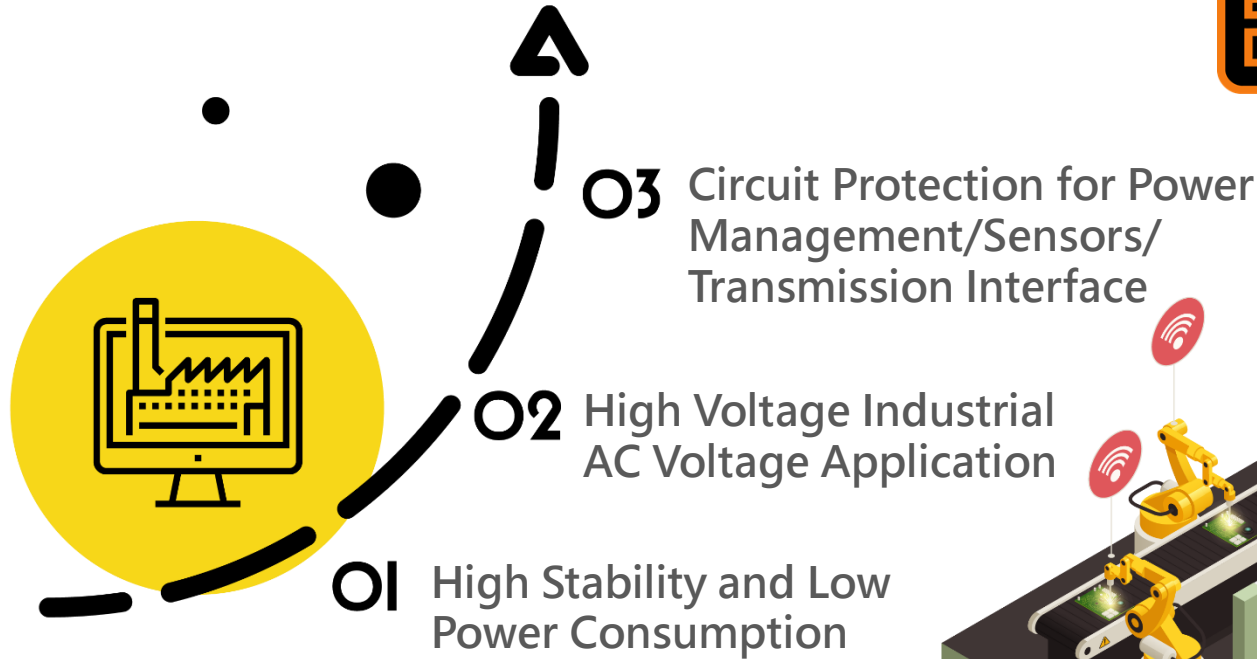


BOSCH

CHAMBERLAIN

**BLACK+
DECKER**

ABB



Energy/ Conversion & Storage

Future Outlook

- Working towards global climate agreement of cutting CO2 emissions, governments are setting energy subsidy policy for renewable energy.
- Advanced Lithium battery technology has cut the cost of home and business energy storage solutions.

Transform

Storage

Management

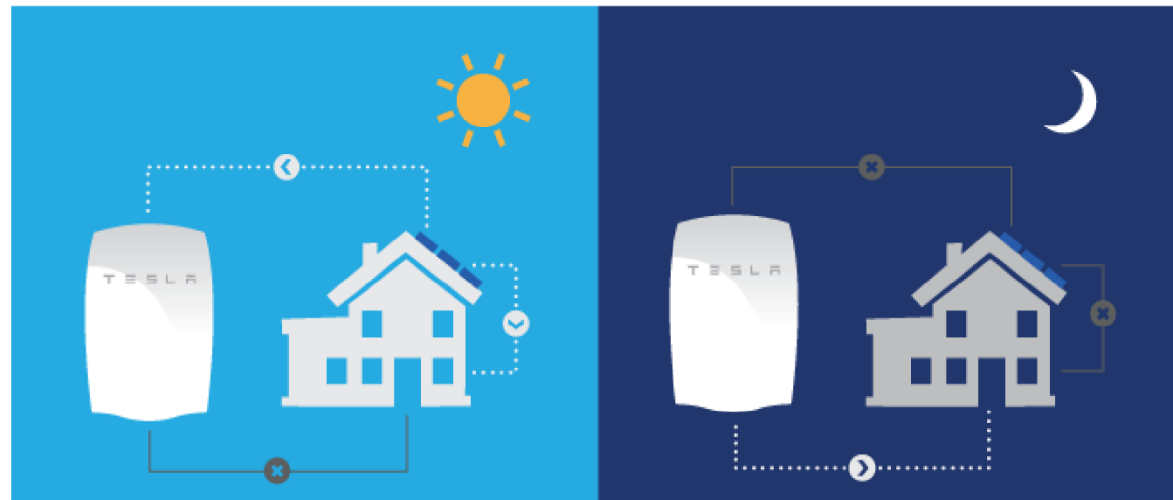


LG Chem

Panasonic
SANYO

VARTA
TADIRAN
BATTERIES

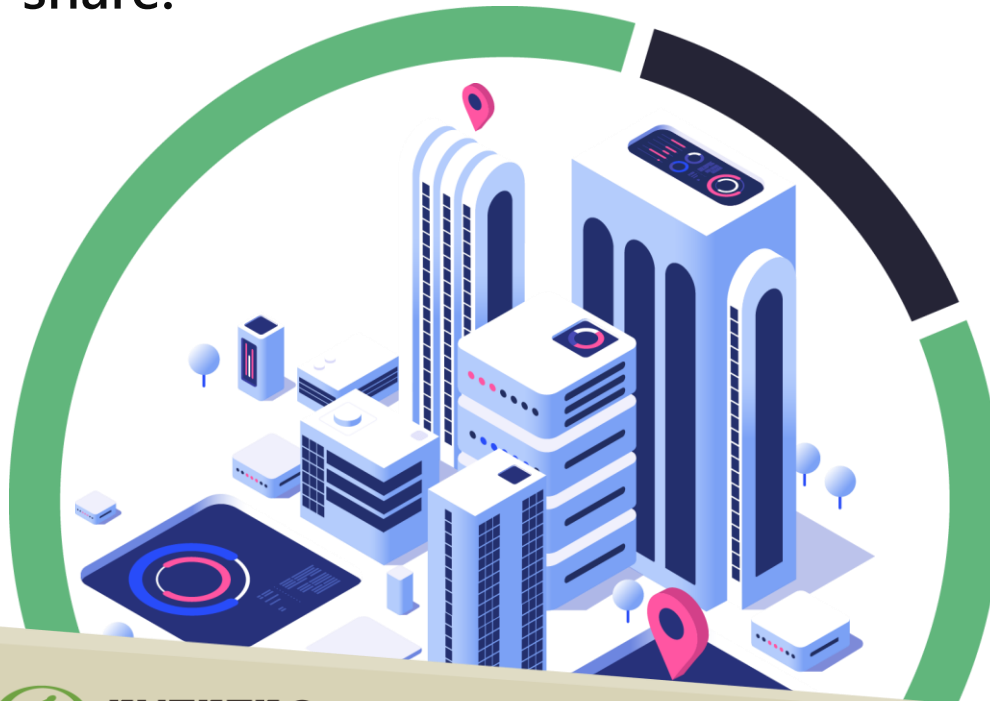
Demand : Uncompromising
Reliability under **High-Temp**,
High Voltage and **High**
Frequency Signal Switching



圖片來源：Energysage.com

PPTC Market and Future Outlook

The global PPTC market is valued at approximately **700 million** US Dollars. Fuzetec has a **7%** market share, ranking **3rd** in the industry. In recent years, our strategic initiatives have steadily increased our product market share.



01

Digitize through big data analysis and synchronize with ERP system.

Cross-industry collaboration, integrating OVP and OCP products.

02

03

Developing new products based on future market demands.

Innovating and integrating product applications.

04

05

Professional and comprehensive circuit protection solutions provider.

Product Roadmap

New Formulation

High Temperature

- 16V/24V/30V/48V, conforming to UL/CUL & TUV certificate and automotive AEC- Q200 standard.

High Voltage AC

- 240Vac 、 277Vac and 305Vac. DIP 305Vac and miniaturized SMD 240Vac.

Product Applications

- 48V EV Automotive System
- High-Temp & AI & EV Automotive
- High Voltage AI & Energy AC Power
- High Current Smart Devices and Energy Applications

Product Roadmap

Hybrid Devices

OVP + OCP Hybrid Circuit Protection Devices

- The Patented Hybrid product integrates OVP (MOV and/or TVS) with PPTC Resettable Fuse, provide total circuit protection solution.
- Hybrid products offer multiple protections, addressing Overcurrent and Overvoltage protection individually. Moreover, the combined effect can hold up to Abnormal Overvoltage and Overcurrent under Transient High Voltage conditions.

Product Applications:

- High Energy AI Server
- Customized Products
- Automation/Robot
- Energy and Power Industry



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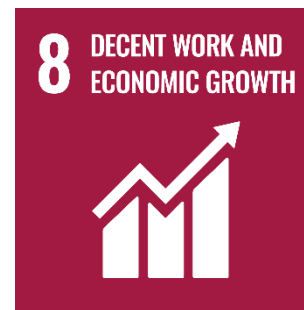


Sustainable Development

Sustainable Development Committee as the top management, led by President.

Process : E (Environment)
S (Social)
G (Governance)

Target: P (Prosperity) , S (Human Right),
E (Climate Change), (SDGs)



Sustainable Development Road Map



Universe Sustainability

Future Generation; Circular Economy

Creative Future; Value; Green Circulation;
Responsible Purchasing

Vision

New Gen
with AI.
Net Zero
Planet

Mission

New Tech
New life
Safety and
Convenience

Value

Pioneer
Breakthrough
Niche Market



As a leading company, Fuzetec
strives to green energy and eco-
technology.



For more information please visit
www.fuzetec.com



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