Delta Group Profile
About Delta Group

Delta was founded in 1971. Delta offers some of the most energy efficient power products in the industry, including switching power supplies with efficiency over 90%, telecom power with up to 98%, and PV inverters with up to 98.8% efficiency. We have also developed the world’s first server power supply certified as 80 Plus Titanium with over 96% efficiency. We regularly invest 6% to 7% of our annual sales revenues in R&D and have worldwide R&D facilities in Taiwan, China, Europe, India, Japan, Singapore, and the U.S.

Delta is a frequent recipient of international awards and related recognition for innovation, design, energy management and corporate social responsibility. Since 2011, Delta has been selected each year for the prestigious Dow Jones Sustainability™ World Index (DJSI World Index). In 2018, we were also included in the DJSI Emerging Markets Index for the 6th consecutive year. In 2016-2017, Delta was ranked by CDP (formerly the Climate Disclosure Project) at the Climate Change Leadership Level.

Corporate Mission

To provide innovative, clean, and energy-efficient solutions for a better tomorrow.

Yancey Hai
Chairman

Bruce Cheng
Founder and Honorary Chairman
Delta continues to deliver strong and stable financial performance, achieving a compound annual growth rate of 30.5% since 1971. Delta’s consolidated worldwide group sales revenues in 2017 were US$ 8.471 billion.

**Worldwide Revenues**

CAGR: 30.5%

**Milestones**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1971</td>
<td>Delta Electronics, Inc. established</td>
</tr>
<tr>
<td>1983</td>
<td>Mass production of switching power supplies</td>
</tr>
<tr>
<td>1988</td>
<td>Listed on the Taiwan Stock Exchange (code: 2308)</td>
</tr>
<tr>
<td></td>
<td>Mass production of DC brushless fans</td>
</tr>
<tr>
<td>1992</td>
<td>Inauguration of the first plant (Dongguan) in China</td>
</tr>
<tr>
<td>2006</td>
<td>Inaugurated Delta’s Tainan Plant, the first green building in Taiwan certified for all nine indices of Taiwan’s EEWH rating system (EEWH Diamond)</td>
</tr>
<tr>
<td>2007</td>
<td>Honored with Forbes Asia’s Fabulous 50 Award</td>
</tr>
<tr>
<td></td>
<td>Developed the world’s first company-wide Green Map with recognition from Green Map System</td>
</tr>
<tr>
<td>2008</td>
<td>Listed as a Global Top 100 Low-Carbon Pioneer by CNBC European Business Magazine</td>
</tr>
<tr>
<td>2011</td>
<td>Inaugurated Shanghai R&amp;D and Operations Center Building in China (LEED Gold)</td>
</tr>
<tr>
<td></td>
<td>Inaugurated Delta Taoyuan Technology Center, Taiwan (LEED/EEWH Gold)</td>
</tr>
<tr>
<td>2012</td>
<td>Received Taiwan’s Industry Innovation Award</td>
</tr>
<tr>
<td>2015</td>
<td>Selected for the Chinese Academy of Social Sciences &quot;Top100 China Corporate Social Responsibility&quot; for 3rd consecutive year</td>
</tr>
<tr>
<td></td>
<td>Acquired Eltek, a leading provider in telecom power, industrial and datacenter power solutions</td>
</tr>
<tr>
<td></td>
<td>Inaugurated Delta Americas Headquarters</td>
</tr>
<tr>
<td></td>
<td>Inaugurated Delta Taoyuan Plant 5, Taiwan (EEWH/LEED Gold)</td>
</tr>
<tr>
<td>2016</td>
<td>Acquired Delta Controls and LOYTEC, two leading companies in building automation</td>
</tr>
<tr>
<td>2017</td>
<td>Named as Climate Change Leadership Level for the 2nd consecutive year</td>
</tr>
<tr>
<td></td>
<td>Named as a Taiwan Top 20 Global Brand for the 7th consecutive year</td>
</tr>
<tr>
<td>2018</td>
<td>Selected for the Dow Jones Sustainability™ World Index (DJSI World) for the 8th consecutive year</td>
</tr>
</tbody>
</table>
Corporate Culture
Strive for change, and pursue sustainability

Innovation
Create new ideas and take them to success effectively

Quality
Consistently deliver superior performance and pursue improvement all the time

Agility
Identify emerging trends and act quickly to capture new opportunities

Teamwork
Fully leverage global value networks and collaborate to achieve mutual goals

Customer Satisfaction
Anticipate customer needs and exceed expectations
# Brand Promise

**Smarter. Greener. Together.**

At Delta, we commit ourselves to the advancement of power and electronics technology to provide “smarter” products with high efficiency. It helps us make possible a “greener” and more environment-friendly way of life. We collaborate with our partners, by listening to their needs, to accomplish our mission “together”.

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## Business Categories

### Power Electronics

- Components
- Embedded Power
- Fans & Thermal Management
- Automotive Electronics
- Merchant & Mobile Power
- **vivitek**
- **Innergie**

### Automation

- Industrial Automation
- Building Automation

### Infrastructure

- ICT Infrastructure
- Energy Infrastructure
Power Electronics

**Components**

- **Power Chokes** for Portable Devices / Cloud Computing / Automotive
  - Ultra Small Sizes down to 1.25*1.0*1.0 mm³
  - Max Operating Temp. 165°C

- **RF Modules**

- **Current Sensing Resistors** for Portable Devices / Automotive / Industrial Applications
  - Small Sizes down to 0201 mm
  - High Wattage up to 9W

- **Power Magnetic Components** for Portable Devices / Industrial Applications

- **Power Module for Portable Devices / Cloud Computing / Industrial Applications**
  - Smallest Sizes down to 2.0*2.5*1.0 mm³

- **Miniaturization Fuse Resistance Protectors**
  - Small Sizes down to 4.0*3.0*0.85 mm³

- **Li-ion Battery Cells**

- **48V HV Li-ion Batteries**

- **48V LV Li-ion Batteries (3U Rack)**

- **24V Li-ion Batteries**

- **EMI Filters / Solenoids**

- **Energy Storage System Containers (40ft / 20ft)**

- **Energy Storage Cabinets**

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**Embedded Power**

- **Server Power Supplies**

- **Enterprise Server Power Supplies**

- **Networking and Storage Power Supplies**

- **Industrial Electric Vehicle Products**

- **DCDC Converters for Communication / Computing / Networking / Industrial Applications**

- **Personal Computer and Workstation Power Supplies**

- **Industrial Power Supplies**

- **Home Appliance Motor Controllers**

- **Aerospace DCDC Converters**
Fans & Thermal Management

- Ventilation Fans
- Portable Device Fans and Blowers
- Electronically Commutated Fans
- Automotive, Server, Storage, Industrial and Consumer Fans and Blowers
- Cabinet Thermal Solution Products
  Air Conditioners and Heat Exchangers
- Thermal Management Products

Automotive Electronics

- Battery Disconnect Units
- Traction Motors
- Traction Inverters
- Auxiliary Power Modules
- Onboard Charging Modules
- Electric Vehicle Communication Controllers
- High Power Charge Contactor Assemblies
## Power Electronics

### Merchant & Mobile Power

#### Display & Visualization

- Business Projectors
- LED Displays
- Seamless DLP Video Walls
- NovoConnect Collaboration Solutions
- NovoOS Digital Signage Systems

#### Healthcare Devices

- Blood Glucose Monitoring Systems
- Mesh Nebulizers
- Fingertip Pulse Oximeters
- Micro CTs

#### Mobile Power

- AC Adapters
- Power Supplies (Robot Charging)
- Power Network Boxes (for Flight Entertainment)

#### Industrial Power

- High Voltage and Precision Power Supplies
- Industrial Power Supplies
- Programmable Power Sources

#### Medical Power

- Medical Power Supplies
- X-ray Generators
Vivitek & Iner eigie

Pocket and Personal Projectors
Portable Projectors
Home Cinema Projectors
Multimedia Projectors
Education Projectors
Large Venue Projectors

Inergie

6000mAh Dual USB-C Power Bank
24W Dual 2.4A USB Wall Charger
24W Dual 2.4A USB Wall Charger
3-port Mobile Super-speed Charging Hub
65W Universal Laptop Adapter for World Travelers
45W USB-C Laptop Adapter
65W Ultra Slim Universal Laptop Adapter
90W Universal Laptop Adapters

Education Projectors
Large Venue Projectors
Home Cinema Projectors
Multimedia Projectors
Pocket and Personal Projectors
Portable Projectors
### Industrial Automation

#### Manufacturing Operation Management
- Industrial Energy Management System (IEMS) DIAEnergie
- Manufacturing Execution System (MES)

#### Equipment Control & Visualization
- Equipment IoT Platform DIALink
- SCADA System DIAView
- Block Control System (BCS)

#### Network
- IIoT Industrial Cloud Routers / Industrial Fieldbus Solutions
- Industrial Network Solutions

#### Control
- Industrial PCs (IPC & PPC)
- PC-Based Motion Controllers (PAC)
- Human Machine Interfaces (HMI)
- Programmable Logic Controllers (PLC)
- CNC Controllers

#### Drive & Motion
- AC Motor Drives
- Servo Systems
- Power Regeneration
- Linear Stages and Modules for Motion Control

#### Field Device
- Machine Vision Systems
- Smart Sensors
- Rotary Optical Encoders
- Pressure Sensors
- Temperature Controllers
- Power Meters

#### Robot
- SCARA Robots
- Articulated Robots

#### Automation Equipment
- Robot Workstations
- Production AOI Customized Applications
- Production Automation Customized Applications
Building Automation

Building Management & Control

Building Management
Building Controls
Room Automation
Lighting Controls
Access Controls
Touch Panels

LED Lighting

LED Street Lights
LED Drivers
LED High Bay Lights

Intelligent Surveillance

Video Management Systems
Intelligent Video Systems
ICT Infrastructure

Telecom Power Systems

- Outdoor Individual Rectifiers
- High Efficiency Rectifiers
- Controllers
- Power Shelf
- Indoor Telecom Power Systems
- Renewable Hybrid Power Systems
- Outdoor Telecom Power Systems

Networking Systems

- SOHO Wireless Routers
- VPN Routers
- SMB / Enterprise Wireless APs
- Smart Grid Data Concentrators
- Industrial Switches
- Datacenter Ethernet Switches
- SMB / Enterprise Ethernet Switches
- Chassis Ethernet Switches

UPS & Datacenter Infrastructure

- Micro Datacenter
- Modular Datacenter
- Datacenter Infrastructure Management (DCIM)
- Precision Cooling
- Power Shelf
- AC Power
- Eltek Converged Power Systems
- Power Container
- Containerized Datacenter
- Racks
- Power Distribution Units (PDU)
Energy Infrastructure

**EV Charging**
- 150kW DC Ultra-Fast EV Charger
- 50kW DC Quick EV Charger
- 25kW DC Wallbox EV Charger
- AC Mini EVSE
- Site Management Systems

**Energy Storage System**
- Power Conditioning Systems
- Battery Energy Storage Systems

**High Power Motor Drives**
- Medium Voltage Drives

**Renewable Energy**
- DFIG Wind Turbine Converters (2MW / 2.5MW / 3MW)
- Three Phase String PV Inverters for Commercial and Utilities
- Residential PV Inverters
- Full Power Wind Turbine Converters (2MW / 2.5MW / 3MW / 6MW)
- Central PV Inverter for Utilities
Delta provides integrated energy-saving solutions to build a better world for future generations.

Delta integrates technologies and products, matching software with hardware, to create smart, green, and cost-saving solutions. By understanding customer needs and offering the core technologies to meet them, Delta delivers total integrated solutions that help customers around the world increase productivity and competitiveness.

- Industrial Automation Solutions
- Building Automation Solutions
- Datacenter Solutions
- Telecom Power Solutions
- Renewable Energy Solutions
- Display and Monitoring Solutions
- EV Charging Solutions
As a world-class industrial automation brand, we are dedicated to the development of AC motor drives, servo and motion control systems, programmable logic controllers, human machine interfaces, machine vision systems, meters and sensors, industrial control and monitoring software, and industrial robots.

Our industrial automation solutions extend to a broad range of industry applications, including electronics, textiles, food, pharmacy, rubber and plastics, packaging, printing, woodworking, and machine tools. We integrate our automation products, equipment networking, system software, IoT technology, and big data analysis to build innovative and reliable smart, green factory automation solutions for global customers, and to realize our promise of “Automation for a Changing World”.

1. Delta’s industrial automation solutions help various industries increase productivity and competitiveness with global services provided by over 700 distributors
2. Energy-saving elevator solutions for up to 50% in energy savings
3. Automation solutions for food processing to achieve higher manufacturing efficiency, better quality and greater productivity
4. CNC solution with high speed and high precision for machine tools, drilling machines, engraving machines and more
Delta provides versatile building automation solutions, such as energy management system, building management and control systems, smart lighting solutions, distributed HVAC, intelligent surveillance, and integrated services, to create flexible, scalable, and wide-compatible integrated platform for managing, monitoring and controlling building systems. Combined use of IoT technology, Delta Building Automation solutions facilitate users to build up the connected network of building sub-systems, such as HVAC, lighting, water supply, electricity and access control, to enhance the management and operation efficiency. Also the implementation of building automation applications can successfully reduce energy consumption, improve security and take care of occupants’ comfort and convenience.

1. Delta Americas headquarters boasts a ground source heating and cooling system that reduce HVAC energy consumption by 60 percent compared to traditional systems
2. Delta Energy Online provides real-time access to comprehensive and valuable energy use data anytime and anywhere
3. Delta's Building Management and Control System can easily integrate building control systems into a single management platform for cost reduction and better maintenance
4. Delta's Intelligent Video Surveillance System offers customizable system integration services that include a central platform, video surveillance and analysis
Datacenter Solutions

We support our customers in building customized, reliable, flexible, manageable, and energy-efficient datacenters with Power Usage Effectiveness (PUE) lower than 1.5. Delta’s InfraSuite Datacenter Infrastructure Solutions products include: Power systems, racks & accessories, precision cooling, and environment management systems.

Our InfraSuite Solutions are chosen by companies around the world and are implemented in: Computer services, telecommunications, transportation, banking, manufacturing and semiconductor industries.

1. Delta’s InfraSuite Datacenter Infrastructure Solutions are the power behind our customers’ competitiveness
2. InfraSuite Datacenter Infrastructure Solutions include UPSs, power systems, server racks, precision cooling, and environment management systems for a Shaanxi broadcasting station in China
3. Delta’s InfraSuite Datacenter Solutions help National United University in Taiwan improve the energy efficiency of its existing datacenter and achieve energy savings of 46.5%
4. Delta UPSs ensure the power of a world-leading high-tech semiconductor manufacturing foundry in Taiwan’s Hsinchu Science Park
Delta is a key Telecom Power Solutions provider for many of the world’s major operators. Our power management solutions incorporate: Control, management and cooling systems. We offer power solutions with energy savings of over 33.4% for Base Transceiver Stations (BTS). Where power is unreliable or unavailable, our hybrid energy power solutions ensure telecom services by combining: Solar & wind power, diesel generators and fuel cells.

1. Delta’s telecom power solutions provide power systems and services to telecom operators, network manufacturers, and integrators worldwide
2. Solar and wind energy solutions with energy storage capability in remote locations across Mexico for a major Mexican telecom operator
3. Delta built the first fuel cell powered telecom tower in India
4. Hybrid energy solution decreases fossil-fuel dependency and cuts base station OPEX by 60% for a customer in Togo, Africa
Renewable Energy Solutions

As a total solutions provider, Delta integrates energy generation, conversion, management and storage to optimize customers’ energy use and costs by switching between grid power, renewable energy and stored battery power. Our energy storage portfolio includes Li-ion cells, modules (24V, 48V), cabinets (indoor and outdoor), containers, and also bi-directional power conditioning systems and management systems for residential, commercial, industrial, and utility applications.

Delta offers high-efficiency solar PV inverters and wind power converters complemented with professional services to help clients build renewable energy systems in a variety of applications such as residential, commercial, ground mounted and off-grid.

1. Delta’s solar tracking solution offers industry-leading performance and accuracy to synchronize over 10,000 mirror towers. This CSP power plant produces more than 500 mil. kWh of electricity per year
2. Delta develops reliable and highly efficient solar inverters for PV systems in fish ponds in China
3. Delta Ako Energy Park uses a 4.6 MWp distributed PV system in response to the irregular terrain with a Delta integrated PCS & ESS solution to improve the overall power generation efficiency to the grid
4. 1,508 Delta PV Inverters with 50kW power output each for a 75.4MW solar PV project in Denmark.
Display and Monitoring Solutions

Delta integrates and customizes displays and interactive technologies for large exhibitions, tradeshows and command/control room environments. Delta offers a wide array of display technologies including: Rear projection DLP video cubes, super thin-bezel LCD screens, high-resolution indoor/outdoor LED displays, high-resolution projection and, our DVCS (Distributive Vision Control Systems).

1. Delta provided a 67-meter long, 24-meter wide giant LED display for the sky dome entrance of Zhuhai Chime-Long Ocean Kingdom, one of the largest ocean resorts in the world
2. LED wall display solution for pitch-side advertising at Chelsea FC’s Stamford Bridge, England
3. Delta provided full-screen LED display solution for Cheng Ching Lake Stadium. The electricity needed to power this display only costs 300 NTD per game
4. Vivitek projectors help build the Guangzhou International Festival of Lights
EV Charging Solutions

With over 40 years of expertise in power conversion and management technologies, Delta delivers energy-efficient EV charging solutions that include: efficient, reliable, and user-friendly DC quick chargers and AC chargers, a Site Management System (SMS), a web-based graphical user interface (GUI), on-board chargers as well as mobile applications for easy remote setup, management, and maintenance. Delta’s EV chargers have obtained UL, IEC, CHAdeMO, CQC and CNS certifications, and are able to fulfill all kinds of needs from clients around the world such as parking spaces, workplaces, residential and commercial buildings and highway infrastructure.

1. Delta’s 120kW DC Ultra-Fast Electric Vehicle Chargers installed in Norway enable charging of up to 4 EVs simultaneously
2. Delta has collaborated with the U.S. DOE to develop 24 smart EV chargers at the MGM Hotel in Detroit USA. This is the largest smart-grid-connected EV charging cluster in the U.S. state of Michigan
3. Delta’s DC quick chargers at Hong Kong International Airport
4. Delta built the 1st residential charging solution in Taiwan, including AC charging stations with a site management system and integration with access control system for residential buildings
Success Stories

We are working with our global business partners to make the world a smarter and greener place.

- LED display for the Space Shuttle Atlantis attraction at NASA’s Kennedy Space Center
- DALI lighting systems provided by subsidiary LOYTEC for Manchester Airport in the UK
- PV inverters for 75.4MW solar energy project in Denmark
- EV charging solutions for Northern and Western Europe
- Solar tracking systems for a power plant in the U.S.
- Building management solutions provided by subsidiary Delta Controls for more than 180 buildings at a university in the eastern U.S.
- LED-based DLP Video walls for the first traffic management center in Bangalore, India
- Outdoor telecom power solutions with integrated PV systems for a telecom operator in Africa
- Renewable energy solutions featuring subsidiary Eltek’s Rectiveter for 104 Hospitals in Zimbabwe under the UNDP’s program
- Smart monitoring and power management solution for a country-wide ATM network in India
- PV inverters for 75.4MW solar energy project in Denmark
- EV charging solutions for Northern and Western Europe
- Solar tracking systems for a power plant in the U.S.
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- Smart monitoring and power management solution for a country-wide ATM network in India
EV charging solutions installed in Northern and Western Europe

LED-based DLP Video walls for the first traffic management center in Bangalore, India

4.6 MW distributed solar power system with energy storage system in Ako, Japan

Smart LED street lighting solution in New Taipei City, Taiwan

Delta BMCS helped build a smart building for Hongtai Square in Ningbo, China

CNC solutions applied to a world-class manufacturing company’s production in China

Modular datacenter infrastructure solution built into an IDC datacenter for a telecom operator in Henan

InfraSuite datacenter solution for a web-hosting company in Berlin that serves a large German shopping website

The world’s largest video wall with 324 LED DLP 80” cubes and DVCS system in China

Articulated robots applied for function tests for SCARA robots to shorten testing time

InfraSuite datacenter solution for a web-hosting company in Berlin that serves a large German shopping website

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Delta is dedicated to its corporate mission, "To provide innovative, clean and energy-efficient solutions for a better tomorrow" as we put our CSR strategies into practice.

As a global corporate citizen, Delta is dedicated to developing its corporate social responsibility and actively participates in international climate change-related events such as the 2015 UN Climate Change Conference (COP21). Apart from publicly supporting the "Commit to Action" corporate carbon reduction initiative of the CDP, Delta has also joined the "We Mean Business" organization. Delta tackles climate change from three energy saving directions: products, factory operations, and green buildings.

Delta continuously invests in innovative R&D, and has vigorously enhanced the energy conversion efficiency of all of its product lines over the years. Delta’s high-efficiency power products and solutions helped our global customers save nearly 24.3 billion kWh of electricity and 12.96 million tons of CO2e between 2010 and 2017.

Manufacturing accounts for over 90% of Delta’s global electricity consumption. Delta emphasizes energy conservation at its over 30 manufacturing locations worldwide. Moreover, Delta has promised to reduce its overall electricity intensity by 30% by the year 2020, a target expanding beyond our factories and into our office buildings and data centers. Delta brings

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**CSR Honors and Awards**

**MEMBER OF**

**Dow Jones Sustainability Indices**

In Collaboration with RobecoSAM

- 2011-2018
  Dow Jones Sustainability Indices - World Index
- 2012,2015,2018
  Industry leader in Dow Jones Sustainability Indices

**RobecoSAM Sustainability Award**

- Gold Class 2017

- 2012-2013, 2015-2017
  RobecoSAM sustainability Award Gold Class

**CDP**

- 2014-2015
  Climate Disclosure Leadership Index, CDLI
- 2016-2017
  Delta selected for the Climate Change Leadership Level

**Global Views Magazine**

- CSR Award 2005-2018

**CommonWealth Magazine**

- CSR Award 2007-2018
together the efforts of its entire work force, who are all involved in specific energy-saving actions to respond to climate change.

Conserving energy with green buildings, Delta has enabled the creation of 26 green buildings and 1 LEED-certified green Data Center over the past 12 years, including main operation facilities as well as buildings donated to academic institutions. In 2017, all of Delta’s certified green buildings worldwide conserved a total of over 14.9 million kWh of electricity and 9,268 tons of CO2e.

Delta continues to promote CSR in line with the 17 SDGs (Sustainable Development Goals) launched by the United Nations in 2015. Besides conforming to the 17 goals in our daily operations, we also focus on seven major aspects that include: Quality Education, Affordable and Clean Energy, Industry Innovation and Infrastructure, Responsible Consumption and Production, Sustainable cities and communities, Climate Action and Partnership.

In recent years, Delta has actively engaged in the integration of energy-saving solutions while continuing the research and development of technologies capable of optimizing the use of energy. On the one hand, these efforts are beneficial to the environment, and on the other, we have helped global customers boost their competitiveness across all industries. As a world-class corporate citizen, we remain committed to our corporate mission of maintaining a positive influence on society.
Delta received the first “Gold” rating for its office building in Tainan that fulfilled all nine indicators of the Taiwan Ministry of Interior’s Green Building EEWH rating system. The building later achieved a “Diamond” rating in 2009. The office not only consumes less energy, but also provides colleagues with a healthier work environment.

Since then, all new Delta office buildings have in practice fulfilled green building designs and vision. The Taoyuan R&D Center that was brought online at the end of 2011 uses Delta’s own proprietary energy-conserving industrial automated production and control system. Delta’s elevator power regeneration system also saves up to 50% of power compared to average elevators. Delta’s new Americas headquarters, completed in 2015, showcases our new energy-saving products and solutions. This green building is designed to meet LEED Platinum and net zero energy standards. The new American headquarters has adopted a Ground Source Heat Pump System to regulate the temperature within the building. Compared with traditional air conditioning and boiler systems, this pioneering system can save up to 60% of

**From 2006 to 2018, Delta established 26 green buildings and 1 LEED-certified green Data Center**

**Delta’s Offices / Plants**

<table>
<thead>
<tr>
<th>Tainan Plant 1</th>
<th>Tainan Plant 2</th>
<th>Taoyuan Technology Center</th>
<th>Taoyuan Plant 5</th>
<th>Taipei HQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEWH Diamond</td>
<td>EEWH Diamond</td>
<td>EEWH Gold</td>
<td>EEWH Gold</td>
<td>EEWH-RN Diamond</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chungli R&amp;D Building</th>
<th>Americas HQs</th>
<th>EMEA HQs</th>
<th>Shanghai R&amp;D Center</th>
<th>Beijing Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEED Gold</td>
<td>LEED Platinum</td>
<td>BREEAM Very Good</td>
<td>LEED Platinum</td>
<td>LEED Silver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WuJian Data Center</th>
<th>Thailand Plant 5</th>
<th>India Rudrapur Plant</th>
<th>India Gurgaon Plant</th>
<th>India Mumbai Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEED V4 ID+C Gold</td>
<td>LEED Gold</td>
<td>LEED-India Gold</td>
<td>LEED-India Platinum</td>
<td>LEED Platinum</td>
</tr>
</tbody>
</table>
power. With Delta’s solar energy solutions, our Americas green building generates over 1 million kWh of electricity each year.

In 2017, Delta’s 13 certified green factory/office buildings and 5 donated campus buildings saved 14.9 million kWh of electricity and 9,268 tons of CO2e.

Over the years, Delta has shared its experiences and benefits from green buildings with the public through donations to academic institutions. We have also utilized these positive benefits toward disaster relief. After Typhoon Morakot struck, Delta helped to rebuild Min Chuan Elementary School in Namasia, Kaohsiung. The school has also achieved “net-zero” energy consumption and has become a new benchmark for the next generation of green campuses.

Delta strives to serve as the best example for promoting green buildings. In practice, the Group has already sponsored seven consecutive Delta Cup International Solar Building Design Competitions in China, and has reconstructed the Delta Sunshine Primary School in Yangjia Town, as well as the Delta Sunshine Junior High School in Longmen Town, Sichuan Province, China. Delta has also worked on the Qinghai Low Energy Use Housing Project, the Wujiang Low Carbon Emissions Residence, and many more.

Donated Buildings

**Delta Ring of Celestial Bliss**
1st carbon footprint audit project

**Orchid House**
2014 Solar Decathlon Europe - 4 awards

**Namasia Elementary School**
EEWH Diamond

**Historical Lecture Hall, Taichung First Senior High School**
Restoration in Green Building concepts

**NCKU Delta Building**
EEWH Green Building

**NCKU Y.S. Sun Green Building**
LEED Platinum / EEWH Diamond

**NCU Kwoh-ting Optics and Photonics Building**
EEWH Bronze

**Taiwan NTHU Delta Hall**
EEWH Bronze

**Delta Sunshine Elementary School, Sichuan, China**
1st Prize, Delta Solar Building Design Competition

**Delta Sunshine Junior High School, Sichuan, China**
1st Prize, Delta Solar Building Design Competition

**Low Carbon Residence, Wujiang, China**
1st Prize, Delta Solar Building Design Competition

**Low Energy Consumption Housing, Qinghai, China**
Delta Solar Building Design Competition
Global Operations

Delta Group has 169 sales offices, 38 plant sites, and 70 R&D centers, with over 9,000 R&D engineers throughout the world.
<table>
<thead>
<tr>
<th>Location</th>
<th>Asia-Pacific (China)</th>
<th>Americas</th>
<th>EMEA</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Sales Offices</td>
<td>111 (61)</td>
<td>20</td>
<td>38</td>
<td>169</td>
</tr>
<tr>
<td>Global Plant Sites</td>
<td>31 (18)</td>
<td>4</td>
<td>3</td>
<td>38</td>
</tr>
<tr>
<td>Global R&amp;D Centers</td>
<td>49 (24)</td>
<td>9</td>
<td>12</td>
<td>70</td>
</tr>
</tbody>
</table>
Contact Information

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(Global Headquarters)  
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