

Delta Group





Corporate Mission

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

Delta's solar tracking systems help synchronize 10,000+ mirrored heliostats for a large concentrating solar power plant in Nevada, USA, to produce over 500 million kilowatt hours of electricity per year



Global Operations



	Asia-Pacific (China)	Americas	EMEA	Total
■ Sales Offices	111 (61)	20	38	169
■ Plant Sites	31 (18)	4	3	38
■ R&D Centers	49 (24)	9	12	70



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

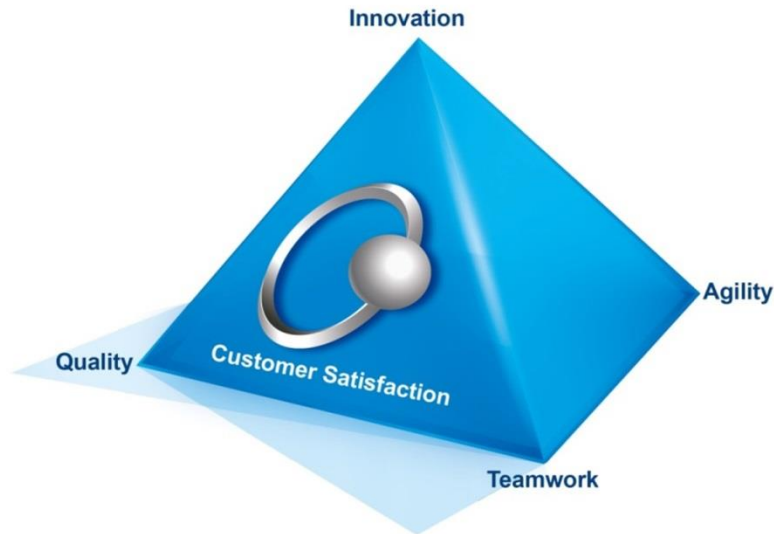
Identify emerging trends and act quickly to capture new opportunities

Teamwork

Fully leverage global value networks and collaborate to achieve mutual goals

Customer Satisfaction

Anticipate customer needs and exceed expectations



DELTA Innovator in Energy-efficient Solutions

- Over 9,000 R&D engineers worldwide
- 6%~7% of Group sales revenues devoted to R&D
- Ranked among the 300 most innovative firms worldwide in the 2016 PwC Global Innovation 1000 survey
- World's first server power supply to achieve 80 Plus Titanium with 96% energy efficiency
- Innovation Honors:
 - Taiwan Invention and Creation Award
 - Taiwan Industry Innovation Award
 - Thailand Prime Minister's Industry Award
 - ASEAN Business Award in the Innovation Category
 - NHO Innovation Award in Norway for Subsidiary Eltek

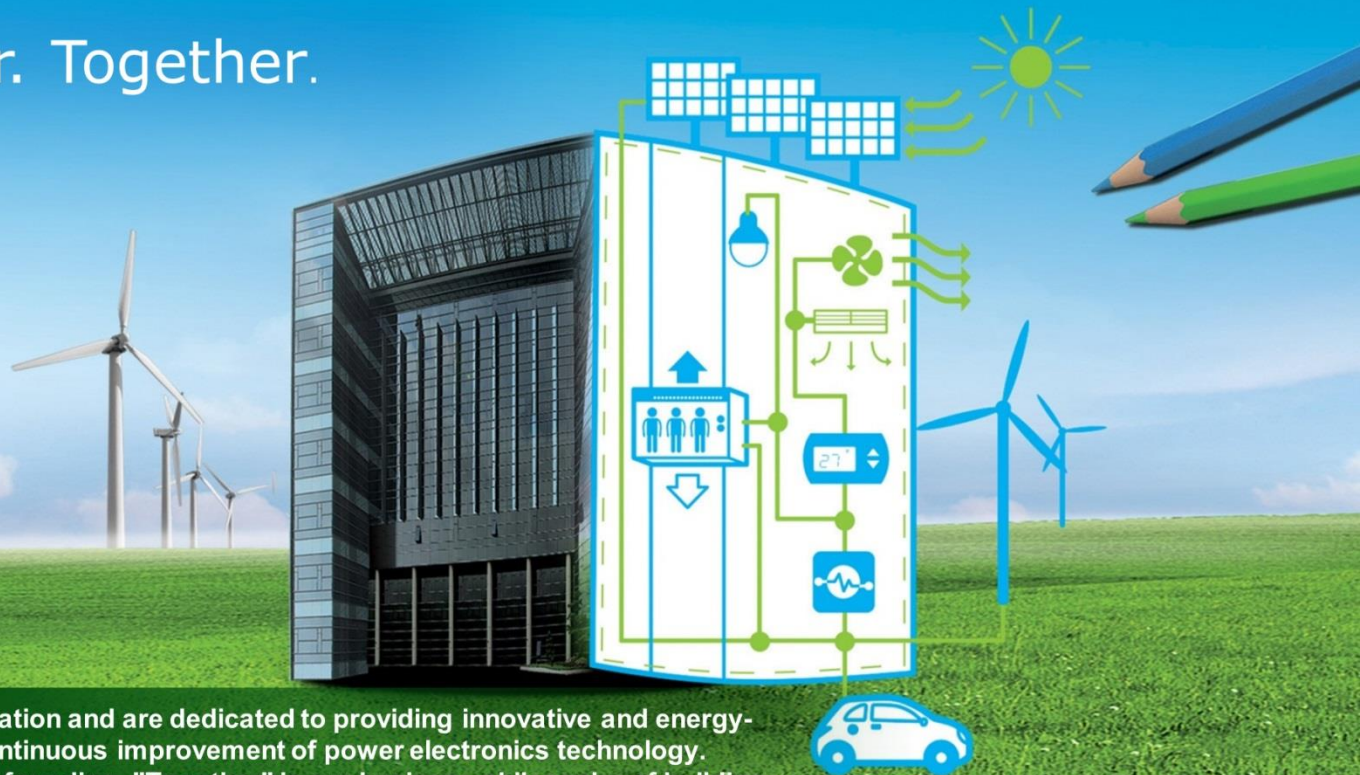


Taiwan Industry Innovation Award



Brand Promise

Smarter. Greener. Together.



We believe in technology and collaboration and are dedicated to providing innovative and energy-efficient solutions. "Smarter" is the continuous improvement of power electronics technology. "Greener" is Delta's mission since our founding. "Together" is our business philosophy of building long-term cooperation with our customers and partners.



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 $1.25 \times 1.0 \times 1.0 \text{ mm}^3$
Max Operating Temp. 165°C



Optical Transceiver
Modules



RF Modules



Li-ion Battery Cells



48V HV Li-ion Batteries



EMI Filters / Solenoids



Power Magnetic Components
for Portable Devices / Industrial Applications



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



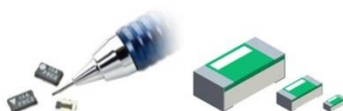
48V LV Li-ion
Batteries (3U Rack)



24V Li-ion Batteries



Power Module for Portable Devices /
Cloud Computing / Industrial Applications
Smallest Sizes down to $2.0 \times 2.5 \times 1.0 \text{ mm}^3$



Miniaturization Fuse Resistance Protectors
Small Sizes down to $4.0 \times 3.0 \times 0.85 \text{ mm}^3$



Energy Storage System
Containers (40ft / 20ft)



Energy Storage Cabinets

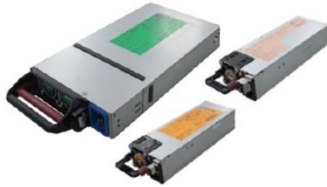


Power Electronics

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



Power Electronics

Fans & Thermal Management



Ventilation Fans



Portable Device Fans and Blowers



Automotive, Server, Storage, Industrial
and Consumer Fans and Blowers



Electronically Commutated Fans



Cabinet Thermal Solution Products
Air Conditioners and Heat Exchangers



Thermal Management Products



Power Electronics

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

Healthcare Devices



Business Projectors



LED Displays



Seamless DLP Video Walls



Distributive Vision
Control Systems
(DVCS)



NovoConnect Collaboration Solutions



NovoDS Digital Signage Systems



Blood Glucose
Monitoring Systems



Fingertip Pulse
Oximeters



Mesh Nebulizers



Micro CTs



Power Electronics

Merchant & Mobile Power

Mobile Power



AC Adapters



Power Network Boxes
(for Flight Entertainment)



Power Supplies
(Robot Charging)

Industrial Power



High Voltage and
Precision Power Supplies



Programmable Power Sources



Industrial Power Supplies

Medical Power



Medical Power Supplies



X-ray Generators



Power Electronics

Vivitek & Innergie

vivitek

A brand of **DELTA**



Pocket and Personal Projectors



Portable Projectors



Home Cinema Projectors



Multimedia Projectors



Education Projectors



Large Venue Projectors

Innergie

A brand of **DELTA**



6000mAh Dual
USB-C Power Bank



24W Dual 2.4A
USB Wall Charger



24W Dual 2.4A
USB Car 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



Automation

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



Automation

Industrial Automation

Control

Drive & Motion



Industrial PCs (IPC & PPC)



PC-Based Motion Controllers (PAC)



Human Machine Interfaces (HMI)



Programmable Logic Controllers (PLC)



CNC Controllers



AC Motor Drives



Servo Systems



Power Regeneration



Linear Stages and Modules
for Motion Control



Automation

Industrial Automation

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



Automation

Building Automation

Building Management & Control



Building Management



Building Controls



Room Automation



Lighting Controls



Access Controls



Touch Panels

Automation

Building Automation

LED Lighting



LED Street Lights



LED Drivers



LED High Bay Lights

Intelligent Surveillance



Video Management Systems



Intelligent Video Systems



Infrastructure

ICT Infrastructure

Telecom Power Systems



Outdoor Individual Rectifiers



High Efficiency Rectifiers



Controllers



Inverters



Eltek Rectifier HE
230V / 1500VA
48V / 1200W



Outdoor Telecom
Power Systems



Power Shelf



Renewable Hybrid
Power Systems



Indoor 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



Infrastructure

ICT Infrastructure

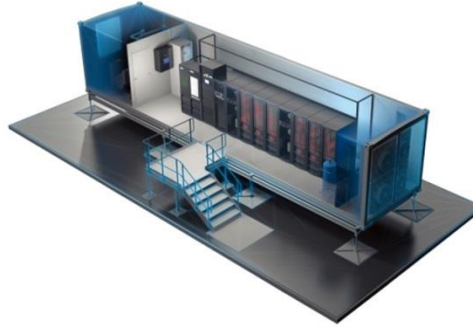
UPS & Datacenter Infrastructure



Micro Datacenter



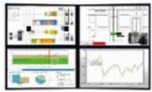
Modular Datacenter



Containerized Datacenter



Power Container



Datacenter Infrastructure
Management (DCIM)



AC Power



Eltek Converged Power Systems



Precision Cooling



Power Shelf



Racks



Power
Distribution Units
(PDU)



Infrastructure

Energy Infrastructure

EV Charging

Energy Storage Systems



150kW DC Ultra-Fast
EV Charger



50kW DC Quick
EV Charger



25kW DC Wallbox EV Charger



Site Management Systems



AC Mini EVSE



Power Conditioning Systems



Energy Storage Cabinets



Infrastructure

Energy Infrastructure

Renewable Energy

High Power Motor Drives



DFIG Wind Turbine Converters
(2MW / 2.5MW / 3MW)



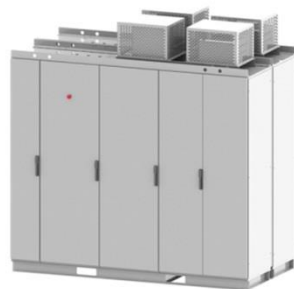
PV 3 Phase String Inverters
for Commercial and Utilities



Residential PV Inverters



Medium Voltage Drives



Full Power Wind Turbine Converters
(2MW / 2.5MW / 3MW / 6MW)



PV Central Inverters for Utilities



Green Solutions



Industrial Automation



Building Automation



Datacenter



Telecom Energy



Renewable Energy



EV Charging



Display and Monitoring

Success Stories



LED display for the Space Shuttle Atlantis attraction at NASA's Kennedy Space Center



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.



Outdoor telecom power solutions with integrated PV systems for a telecom operator in Africa



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 installed in Northern and Western Europe



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



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



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



Renewable energy solutions featuring subsidiary Eltek's Rectifier for 104 Hospitals in Zimbabwe under the UNDP's program



Smart monitoring and power management solution for a country-wide ATM network in India



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



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



Pioneer in Green Buildings

From 2006 to 2018, Delta established 26 green buildings and 1 certified green Data Center.

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.



Tainan Plant 1
EEWH Diamond



Tainan Plant 2
EEWH Diamond



Taoyuan Technology Center
LEED Gold
EEWH Gold



Taoyuan Plant 5
LEED Gold
EEWH Gold



Taiwan HQs
LEED Platinum for existing building
EEWH-RN Diamond



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 concept



Chungli R&D Building
LEED Gold



Americas HQs
LEED Platinum



EMEA HQs
BREEAM Very Good



Shanghai R&D Center
LEED Gold
LEED Platinum for existing building



Beijing Office
LEED Silver



NCKU Delta Building
EEWH



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



WuJian Data Center
LEED V4 ID+C Gold



Thailand Plant 5
LEED Gold



India Rudrapur Plant
LEED Gold



India Gurgaon Plant
LEED Platinum



India Mumbai Office
LEED Platinum



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 Certificate of Green Building Design Label



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



Energy Savings for Customers

**From 2010 to 2017,
Delta's high efficiency products and solutions helped customers**

Electricity Consumption
Savings of

24.3 B kWh



Carbon Emissions
Reduction

12.96 M Tons



CSR Honors and Awards



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

MEMBER OF
**Dow Jones
Sustainability Indices**
In Collaboration with RobecoSAM

2011-2017
Dow Jones Sustainability Indices - World Index



2005-2007,
2011-2017
Global Views Magazine
CSR Award
2018
Honor of the year



2007-2017
CommonWealth Magazine
CSR Award



2002-2014
Commonwealth Magazine
Most Admired Company



2011-2017
Taiwan
Top 20 Global Brand



2012-2014
Outstanding Enterprise
Award for CSR
from China Business News



2015
China Corporate Social
Responsibility-the Last
Decade has Witnessed

Smarter. Greener. Together.

To learn more about Delta, please visit www.deltaww.com

