



Advancing Power

VOLTRONIC POWER COMPANY PROFILE

In our world, everything is built to last.



WELCOME ABOUT US

Company Snapshot

Founded: May, 2008

Paid-in Capital: USD\$28 Million

Products: UPS 、 PV Inverter 、 Inverter

President & GM: Mr. Alex Hsieh

Total Employees : 4,000 , in China, Vietnam, Taiwan

Production floor: 120,000m² in China, 12,000m² in Vietnam 3,000m² in Taiwan

Headquarters: No. 406, Xinhua 1st Road, Neihu District, Taipei, Taiwan

OPERATING LOCATIONS



Zhongshan Factory for China market



Shenzhen Head Factory



Taipei Headquarter



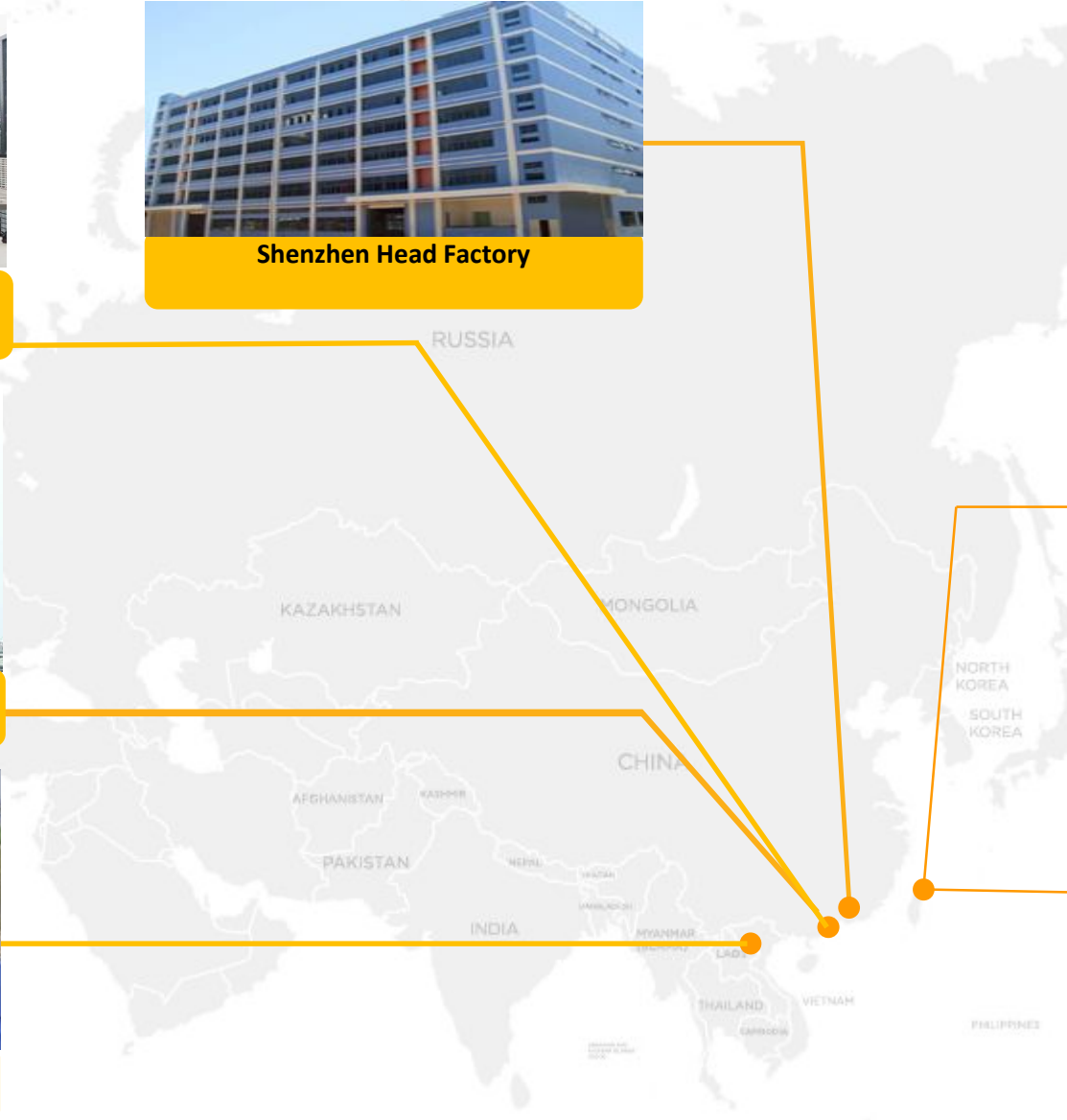
Zhongshan Factory



Vietnam Factory



Taiwan Factory



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CORPORATE HISTORY

Company Snapshot

- 2008 ● Shenzhen Head Factory established
- 2009 ● Certificates of ISO9001/ISO14001
- 2010 ● Shenzhen 2nd Factory established
- 2011 ● Shenzhen 3rd Factory (for China market) established
- 2013 ● Stock listed on Emerging Stock Board in January
- 2014 ● Stock listed on Taiwan Stock Exchange on March 31st
- 2015 ● Added to the FTSE TWSE Taiwan Mid-Cap 100 Index
Broke ground of new Taipei Headquarters in Neihu in June
- 2016 ● Broke ground of new Zhongshan factory in December
- 2017 ● Moved Shenzhen 2nd Factory to Zhongshan
- 2018 ● Taipei headquarters moved to new building on Jan-26
- 2019 ● Moved to new Zhongshan factory in January

COMPANY STRENGTHS

- 1. Insisting ODM business model:** the only one 100% ODM ups/inverter manufacturer in industry. Insist No-Own-Brand in all markets, no compete to our customers.
- 2. Economic Scale:** produce annually over 6 millions units UPS/inverters. 4,000 staffs , total 120,000M² production floor , 12 SMD, 6 AI, 9 PCBA lines, 26 assembling lines in 2 factory sites in Shenzhen and Zhongshan China.
- 3. Strong R&D:** total 350 RD engineers in China and Taiwan. 8 R&D departments, 12 R&D managers that every management team member has 20+ years experience in UPS/Inverter industry.
- 4. Flexibility:** OEM, Co-Design, ODM, CKD, SKD, Custom-made differentiations , highly flexibility in R&D, engineering and manufacturing by customers' need.
- 5. 100% dedicated in UPS/Inverter:** all our resources are invest into UPS/Inverter design and manufacturing facilities only. US\$30M Capex in factory expansion in 2017/2018.
- 6. Key components in-house manufacturing:** highly vertical integration of in-house producing key components Choke, Transformer, Plastic and metal cabinets, aim to be the best ODM supplier in industry through vertical integration.



TESTED TO
UL 1778



VDE-AR-N 4105
VDE 0126-1-1
AS4777, AS/NZS3100



ULn.1291-2545



HEADQUARTER & RD CENTER **OVERVIEW**

Taiwan Headquarter



10,000 M²

- Total Staff: 80
- Experienced Sales Team
- Professional Marketing Team
- Experienced Taiwanese R&D Team
- Customer-Oriented Technical Support Team

China R&D Center



8,000 M²

- Total Staff: 300
- Knowledgeable and Experienced Engineers
- Team in UPS and PV Inverter
- Professional Equipment Enhancement
- Product Quality and Stability

SCALE & EFFICIENT MANUFACTURING

Shenzhen Head Factory



25,000 M²

Zhongshan Factory



95,000 M²

Taiwan Factory



3,000 M²

Economy scale, over 5 million units UPS and Inverter produced annually
12 SMD lines, 8 AI lines, 12 PCBA lines, 30 assembly lines.

Expanding in 2018, over US\$30M Capex in 2017/2018 for new factory and facilities.



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ZHONGSHAN NEW FACTORY



Zhongshan New Factory II
Phase I: 80,000 square meters
Phase II: 60,000 square meters



Shenzhen Head Factory



Shenzhen 2nd Factory
(for China market)

ZHONGSHAN NEW FACTORY OUTLOOKS

3 buildings in new ZhongShan factory



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By 2019-Mar.

ZHONGSHAN NEW FACTORY OUTLOOKS

Dormitory and canteen



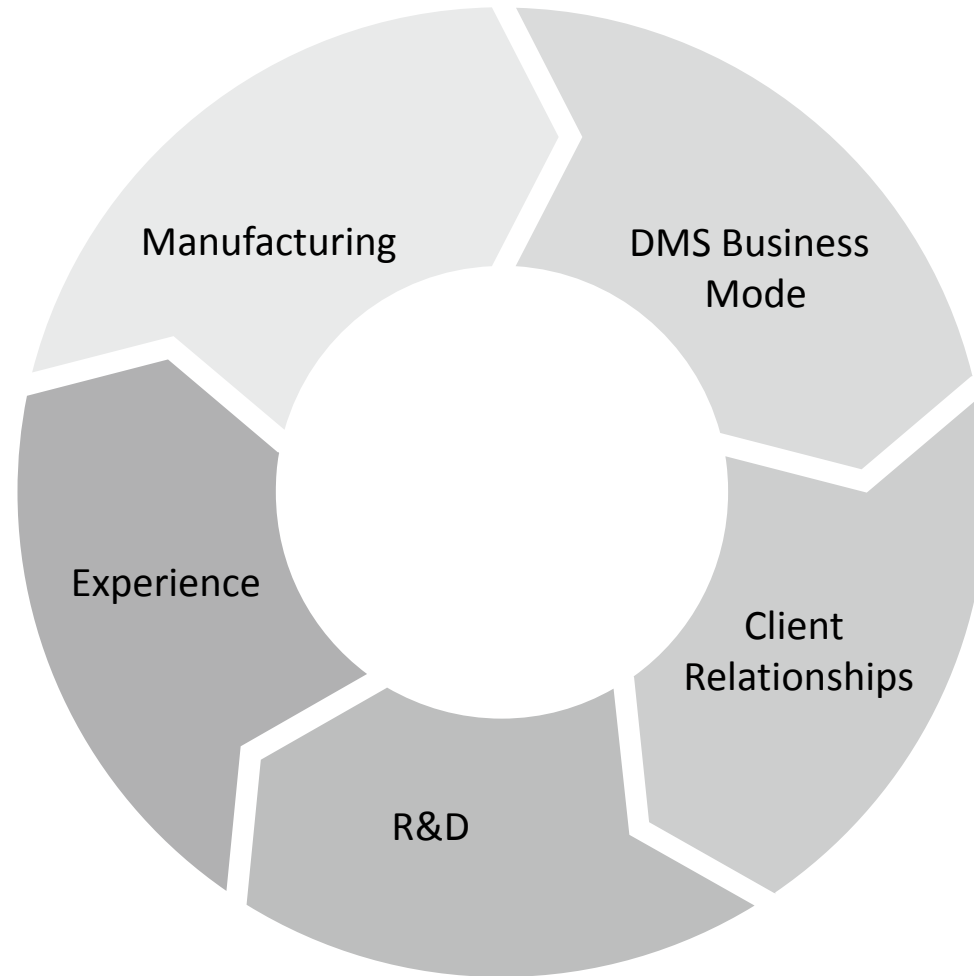
COMPETITIVE ADVANTAGES

- **Manufacturing**

Quality China-Taiwan based management manufacturing with scale, semi-automation, and processes for just in time and build to order requirements

- **Experience**

Leverage teams' 20+ years of professional experience in the power market, and knowledge of country-specific power specifications



- **DMS Business Mode**

Ideal partner as the only 100% ODM in UPS without own brand, enabling us to gain trust and business with customers

- **Client Relationships**

Qualified global supplier for both large global brands and local brands

- **R&D**

Innovative design with industry-leading technology and energy efficiency

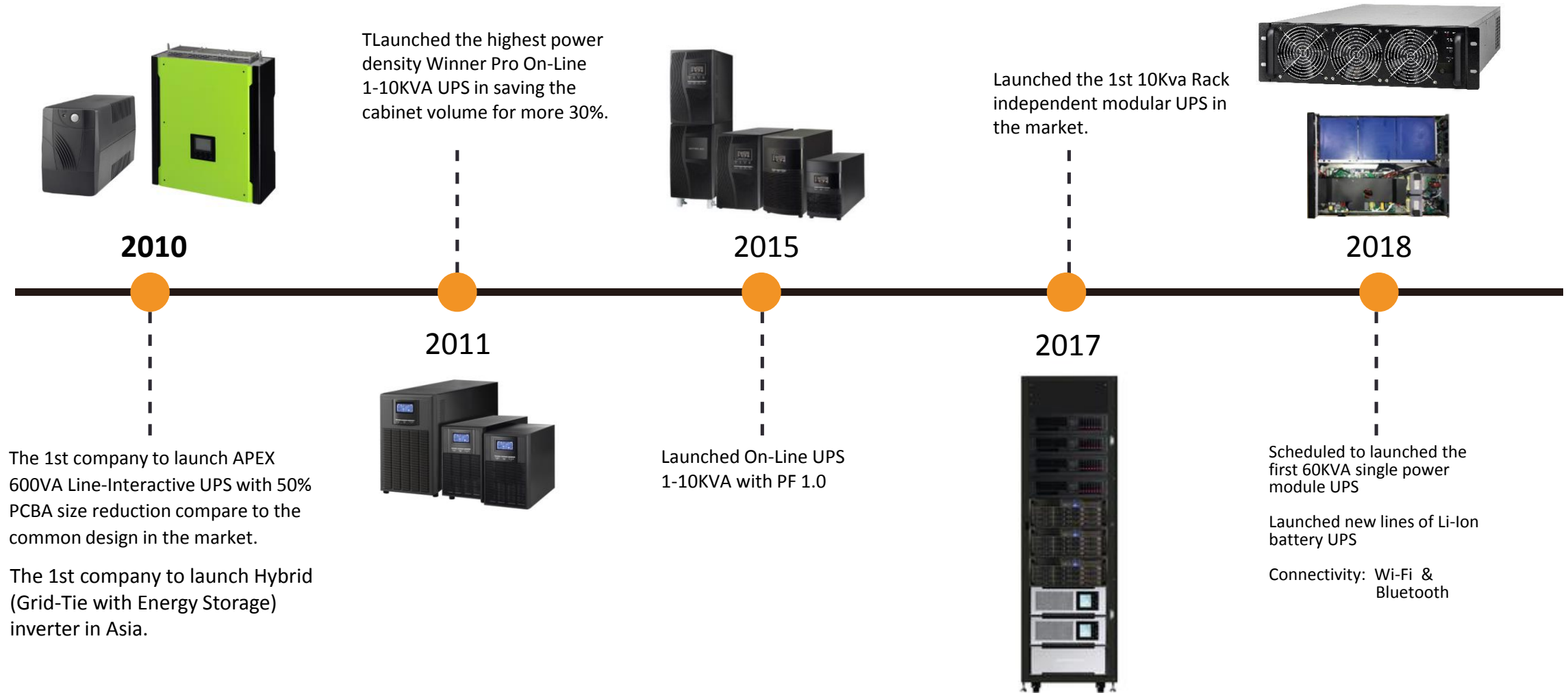
DEDICATED IN PRODUCT DEVELOPMENT

- R&D Engineers: Over 300 professional R&D engineers with rich experience in UPS/PV Inverter
- Initiate Intellectual Property Rights
 - IPR concept education for all employees
 - Encourage innovative idea
 - Inspire patent applying



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LEADING TECHNOLOGY OF **PRODUCT INNOVATIONS**



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VERTICAL INTEGRATION

Key component in-house production

In-house Plastic Injection

400,000 pcs plastic cabinets injected a month

400 ton injection x 8. 100t -350t injection x 4



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VERTICAL INTEGRATION

In-house Metal Cabinet

3 CNC, 2 Laser cutting machine, 11 Stamping, 40,000 metal cabinets a month



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VERTICAL INTEGRATION

In-house Choke and Transformer production , up to 30KW transformer 200,000 pcs transformer produced a month



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VERTICAL INTEGRATION

In-house Power cord production : wires twisting, plastic covering and plug molding injection. 300,000 pcs power cords a month



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PCBA PRODUCTION LINE OVERLOOK



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1-Phase PRODUCTION LINE OVERLOOK



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3-Phase Automatic production line Safety & ATE



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3-Phase ATE Testing Equipment



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EV Charging Station PRODUCTION LINE



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PROFESSIONAL EMI CHAMBER



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PCBA PRODUCTION **INSPECTIONS**

5 millions UPSs produced,15 millions testing made in a year



AOI Testing



Touch up

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AUTO INSERTION OF NON-TAPING COMPONENTS

(Connector / Buzzer / Relay / Capacitor / Small TX / Power Resistor)



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AUTO ROBOT FOR METAL CASE



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INNOVATION OF AUTOMATION

AI of None-Taping components



Auto AOI



Auto ICT



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ROBOTIC CONFORMAL COATING ONTO PCBA

Component side



Soldering side



Thickness measurement

