



Green Energy for all  
Powerful Energy for you  
Solution from **Dong Yang E&P**

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## System Based Company


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### **1** Company Introduction

- i Company Profile
- ii Company History
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- vii Organization

### **2** Major Products

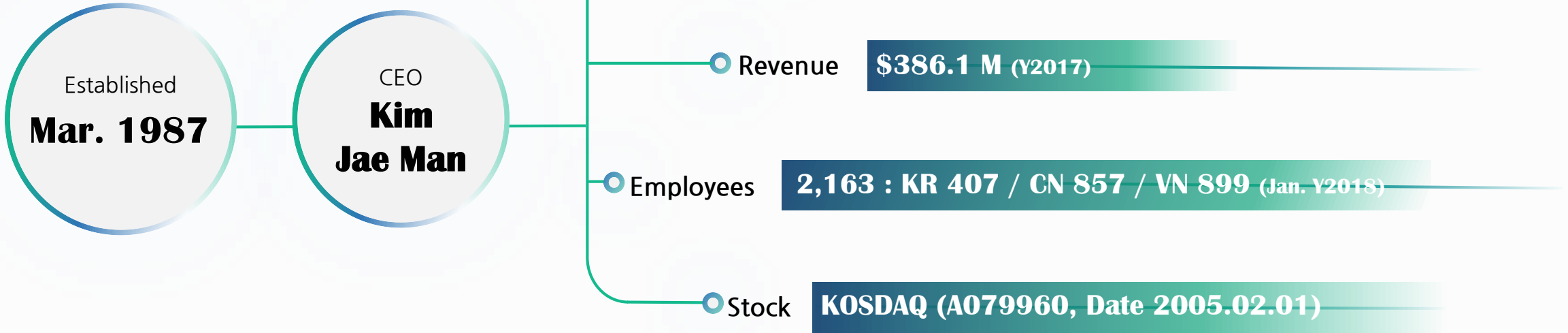
- i Charger
- ii Adapter
- iii Wireless charger
- iv SMPS
- v Inverter
- vi PV Inverter
- vii Automotive
- viii Wireless communication module

A microscopic view of a metal part, possibly a valve or a similar mechanical component, with a blue-tinted overlay. The image shows the intricate details of the metal's surface and the complex geometry of the part. The background is a blurred, light blue color, suggesting a shallow depth of field.

1

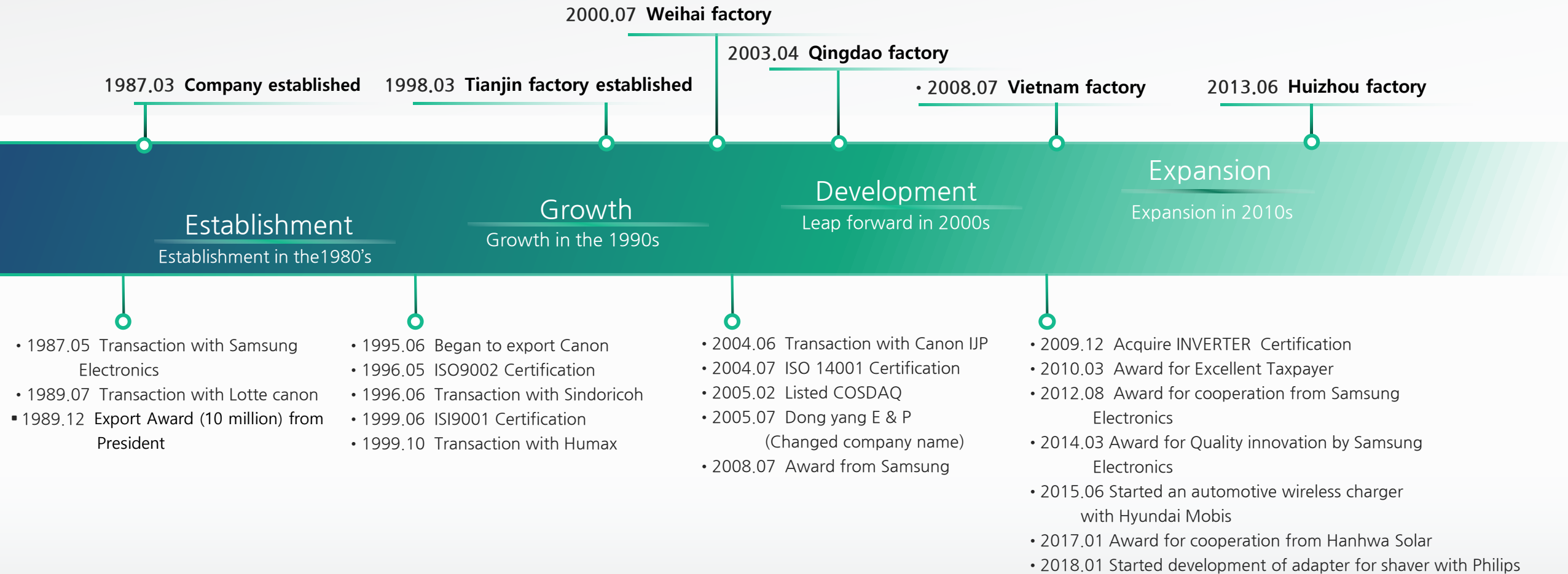
# Company Introduction

1 Company Introduction  
i Company profile

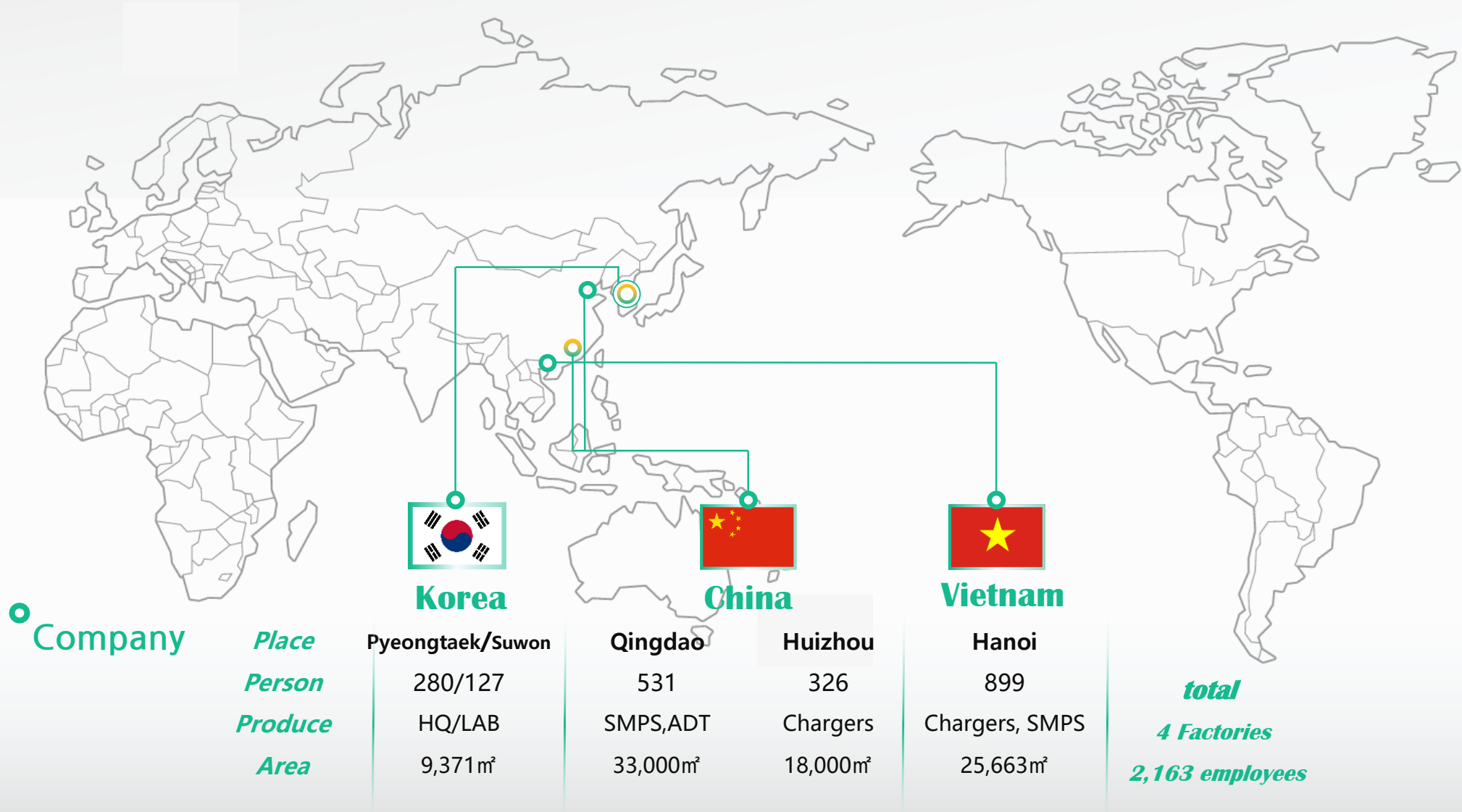


1 Company Introduction  
ii Company History

# Past 30<sup>th</sup> years



1 Company Introduction  
 iii Global Network



1 Company Introduction  
 iii Global Network



**HQ**

**Qingdao**

**Huizhou**

**Hanoi**

*Product*

Inverter, PV inverter, SMPS

SMPS, Adapter

Charger

Charger, SMPS, Adapter

*Location*

Gyeong-gi, South Korea

Qingdao, China

Huizhou, China

Hanoi, Vietnam

*Area*

9,371m<sup>2</sup>

33,000m<sup>2</sup>

18,000m<sup>2</sup>

25,663m<sup>2</sup>

*Workers*

407

531

326

899

*Capa  
(Current)*

20,000

800,000

3,000,000

9,000,000

*Line unit*

1

12

6

14

*Machinery*

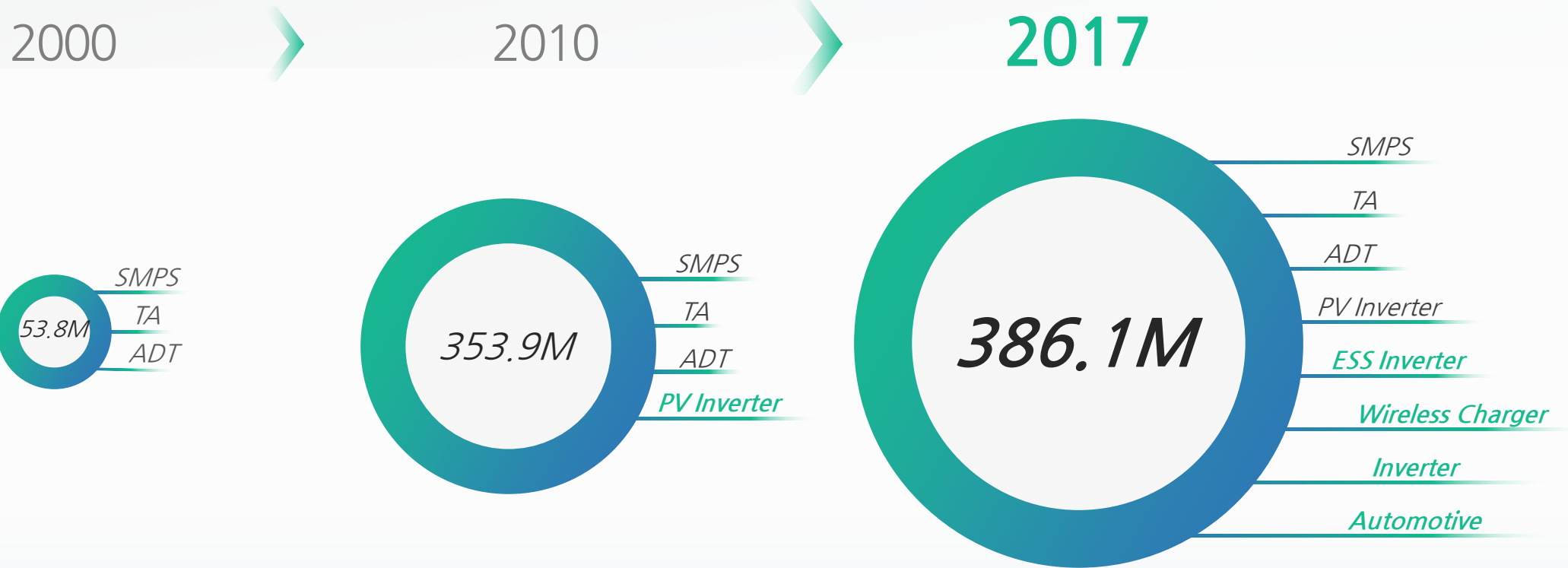
SMD, PBA, Assembly, Welding

EYELET, AXIAL, RADIAL,  
 SMD, PBA, Assembly

EYELET, AXIAL, RADIAL,  
 SMD, PBA, Welding

EYELET, AXIAL, RADIAL,  
 SMD, PBA, Assembly, Welding

## Growth of Revenue & Line up



1 Company Introduction  
v Customers



# 1 Company Introduction vi Award

1980

1989 Award(Export 10 million dollars)  
From president

1990

1994 Selected as excellent firm  
Of Gyeonggi-do

1999 Selected as excellent technical  
firm of Korea

2000

2001 Award as Gyeonggi-do excellent firm  
INNO-BIZ firm  
Award as innovation management firm  
Selected as prospective export firm

2002 Award as best business partner firm

2003 Award as best business partner firm

2004 Award technical part from KIPE

2006 Award Value Engineering part

2007 Award for Excellent Taxpayer(Prime Minister)

2008 Award for Excellent Taxpayer(MOSF)  
Award as best business partner firm  
INNO-BIZ firm(RE)  
Award Value Engineering part

2010

2010 Award for Eco-friendly Company  
Award for Excellent Taxpayer(MOSF)

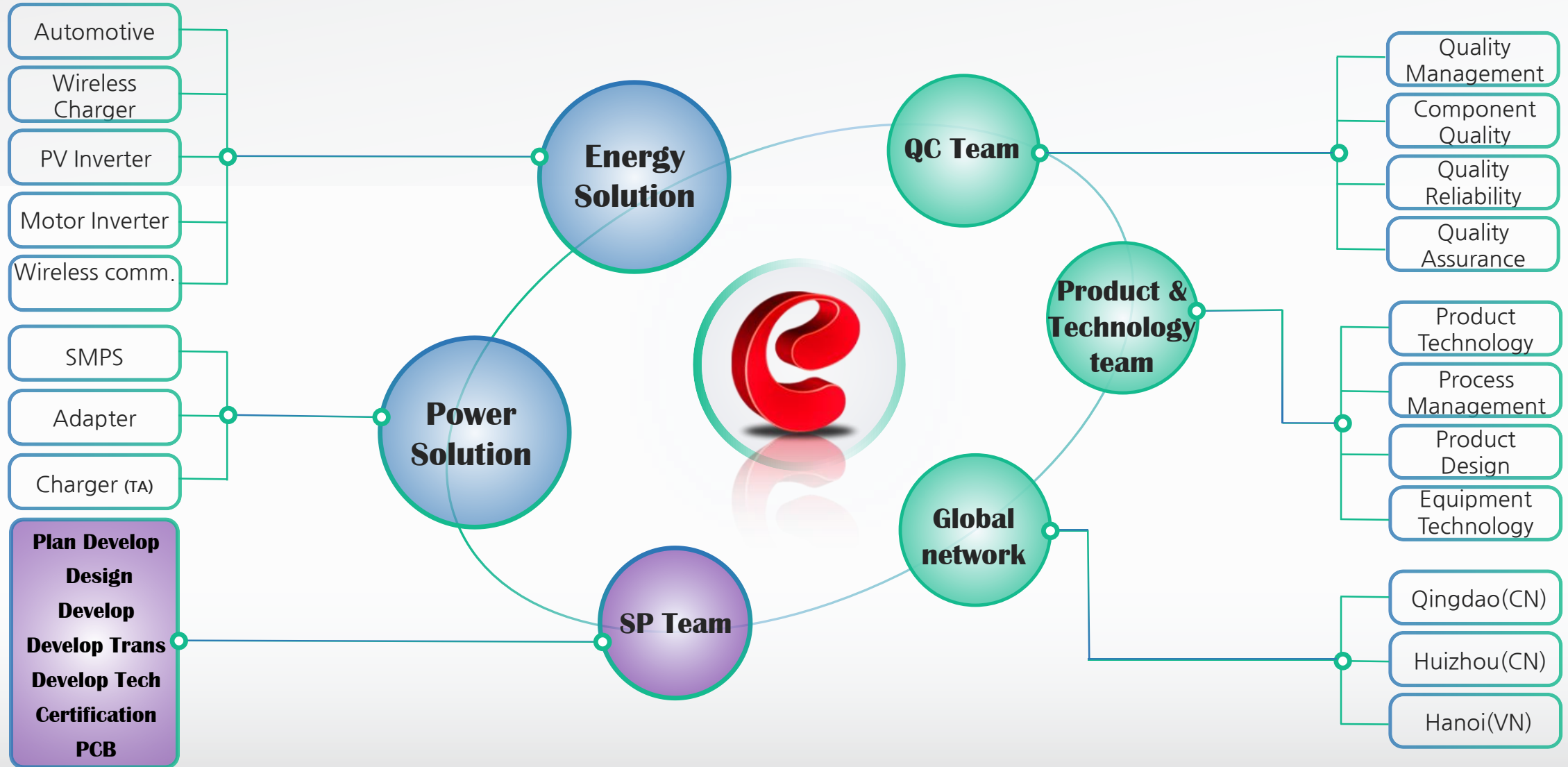
2011 Award for Stable supplying material by SE

2013 Award from Process innovation part by SE

2014 Selected as Global Hidden Champion from SE  
Award as Best quality from by SE

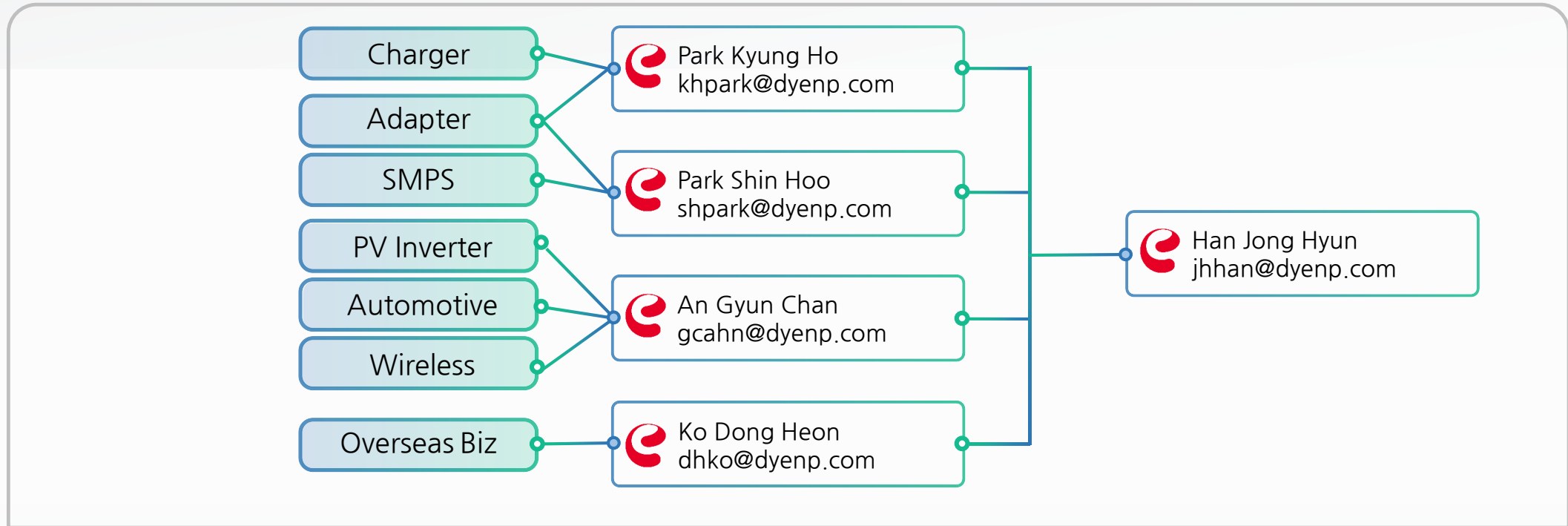
2017 Award for Excellent Taxpayer(Prime Minister)

1 Company Introduction  
vii Organization



## Sales Network

### HQ Sales Network Chart



**For English** 82-31-370-6727  
**For Chinese** 82-31-370-6736  
**For Japanese** 82-31-370-6759

2

## Major Products

Charger

Adapter

Wireless  
Charger

SMPS

Inverter

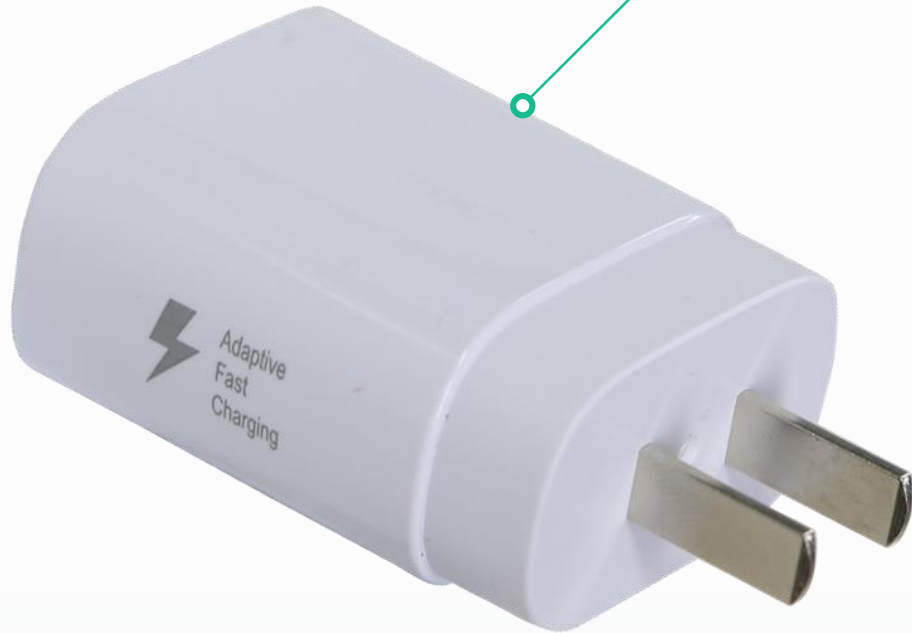
PV Inverter

Automotive

Wireless  
Comm.

# 3 Major Products

## Charger (TA)



### Product Explanation

- High Efficiency
- Line up(3.5W, 5W, 7.5W, 10W, 15W, 25W)
- Standby power : Below 20mW
- Quick Charging Function

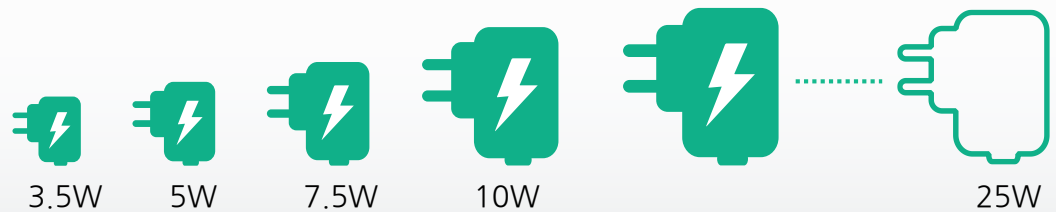
- USB (Type-C)
- Compact Design
- Eco-friendly
- World Wide Certification

### Application



- For Smart Phone
- For Phablet Phone
- For Tablet PC
- For Bluetooth

### Product Line up(W/W)



# 3 Major Products



## Adapter (Basic Adapter)



### Product explanation

- For 32,40 inch TV & Set Top Box
- High efficiency, Low power consumption(Level VI)
- Standby power : Below 20mW
- Optimization of Circuit
- Design Non-defect Non-bonding
- Excellent quality and production infra system

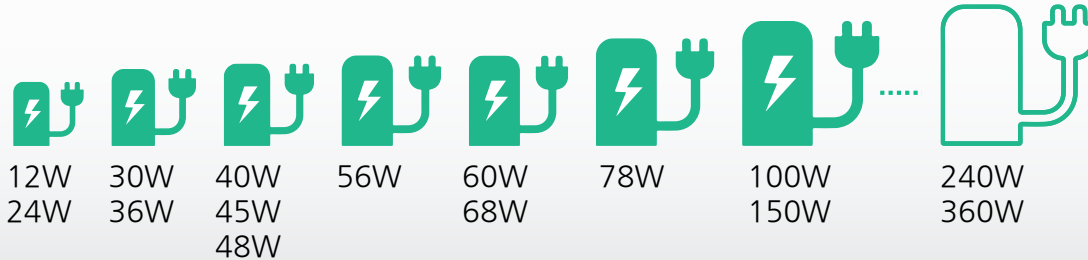
- Available to making all type of Adapter (Size, Box Type/Wall Type Design)
- Adapter for Global top display set (Slim type for TV)

### Application



- For LED 32 " TV
- For LED 40 " TV
- For Set Top Box
- For Note PC

### Product Line up(W/W)



# 3 Major Products

## Wireless Charger

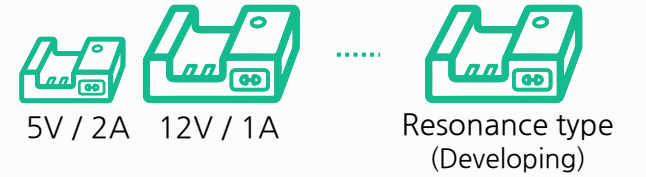
### Product explanation

- Acquire WPC qi
- Excellent quality, Pass Reliability Test
- High Charging efficiency (80% of normal charger)
- FOD ability (Stopping charging in case of scanning metal material)
- Available to all making Wireless charger

### Application



### Product Line up(W/W)



# 3 Major Products

## SMPS

### Product explanation

- 32~85 Inch LINE-UP
- Miniaturization & Weight lightening
- High efficiency & Low power consumption by Optimization of Circuit
- Increase reliability by TRANS Automation
- Control LOCAL Dimming
- Apply Wide-LLC, SR rectification

### Application



· For LED TV (Edge/Normal)



· For Curved LED TV



· For OLED



· For LFD

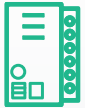
### Product Line up(W/W)



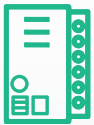
60W (32")



119W (40")



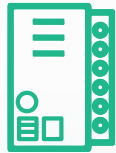
131W (48")



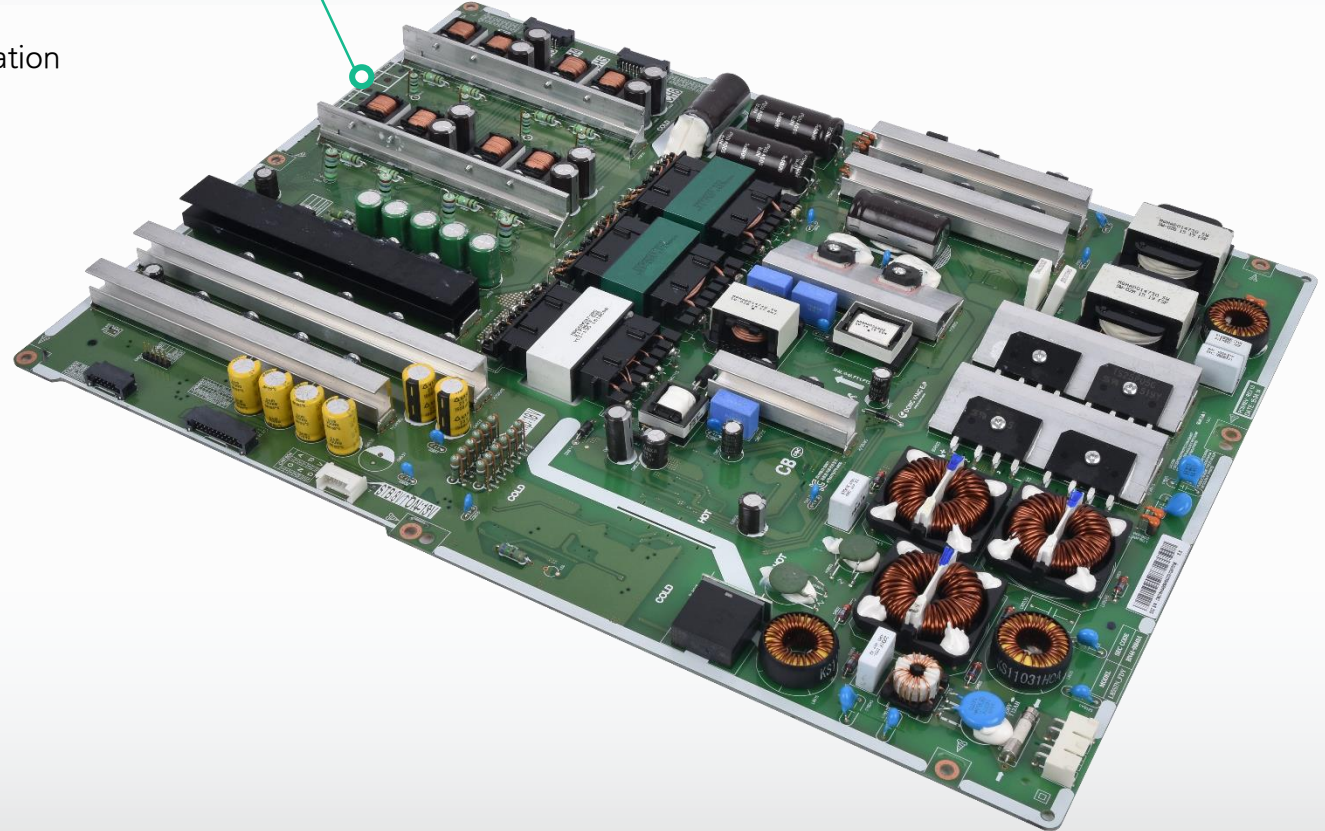
203W (55")



364W (60")



473W (85")



# 3 Major Products

## Inverter

### Product explanation

- Control VECTOR Motor (REV3)
- Control Sensor less
- Control Compressor & Fan motor
- High efficiency & Low power consumption
- Operation Low noise and vibration Compressor
- Apply PFC(Power Factor Correction) Option
- Available for Firmware Update

### Application



· Dehumidifier



· Refrigerator



· Water purifier



· Air conditioner

### Product Line up(W/W)



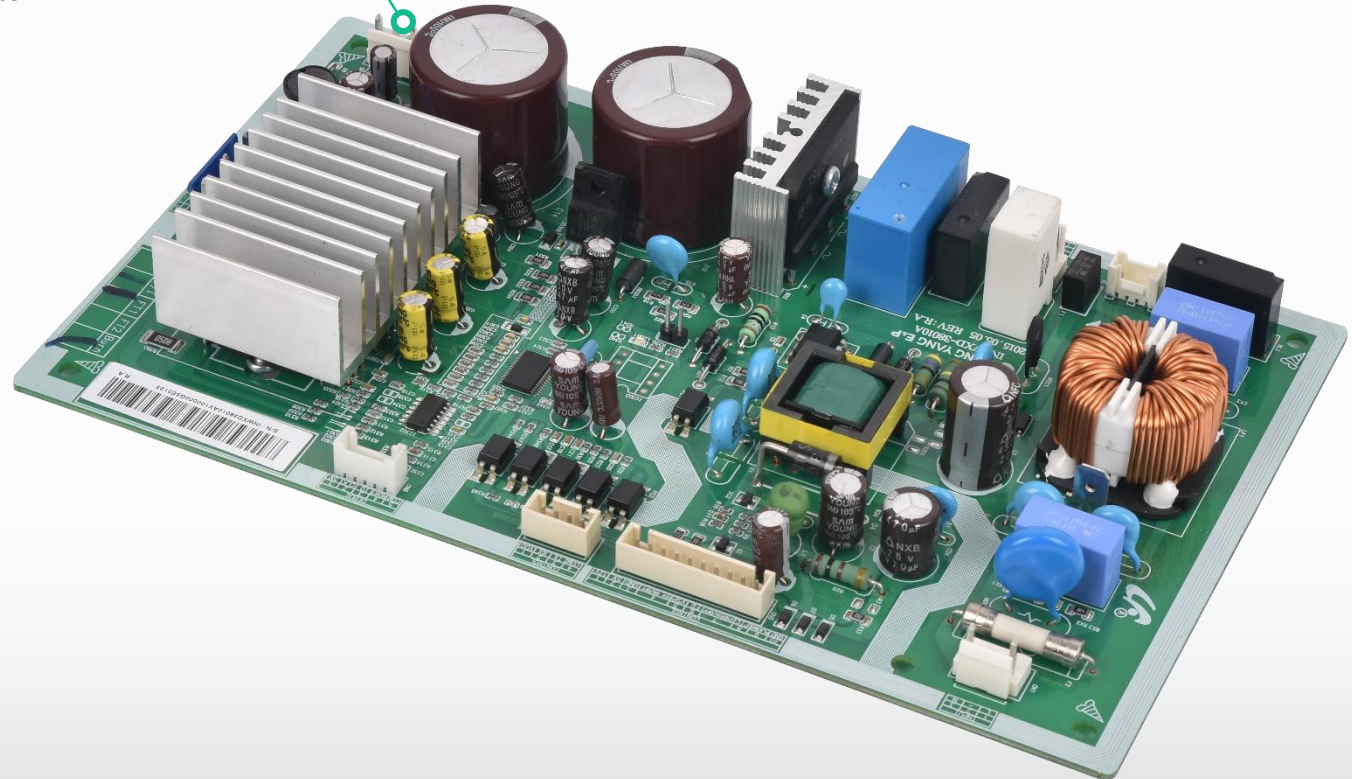
500~800W



1.5KW



4.5KW



# 3 Major Products



## PV Inverter (Solar Power Inverter)

### Product explanation

- Installation in/outside (Design IP65)
- Combiner box inside (No need to extra combiner box)
- Check the Inverter condition by UI system
- Check the Inverter condition by monitoring system
- Installation Serial/Parallel module, Generation up

### Application

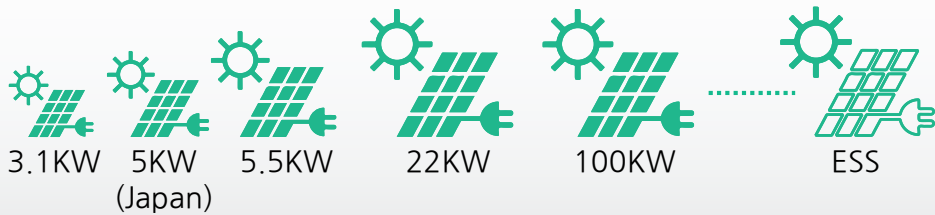


· Home



· Electric power station

### Product Line up(W/W)



# 3 Major Products

## Automotive

### Product explanation

- Control Switching F/B
- Main Controller System
- Charging Safety
- Stabilization PWM + Phase Shift

### Application



· Automobile



· EV · HEV



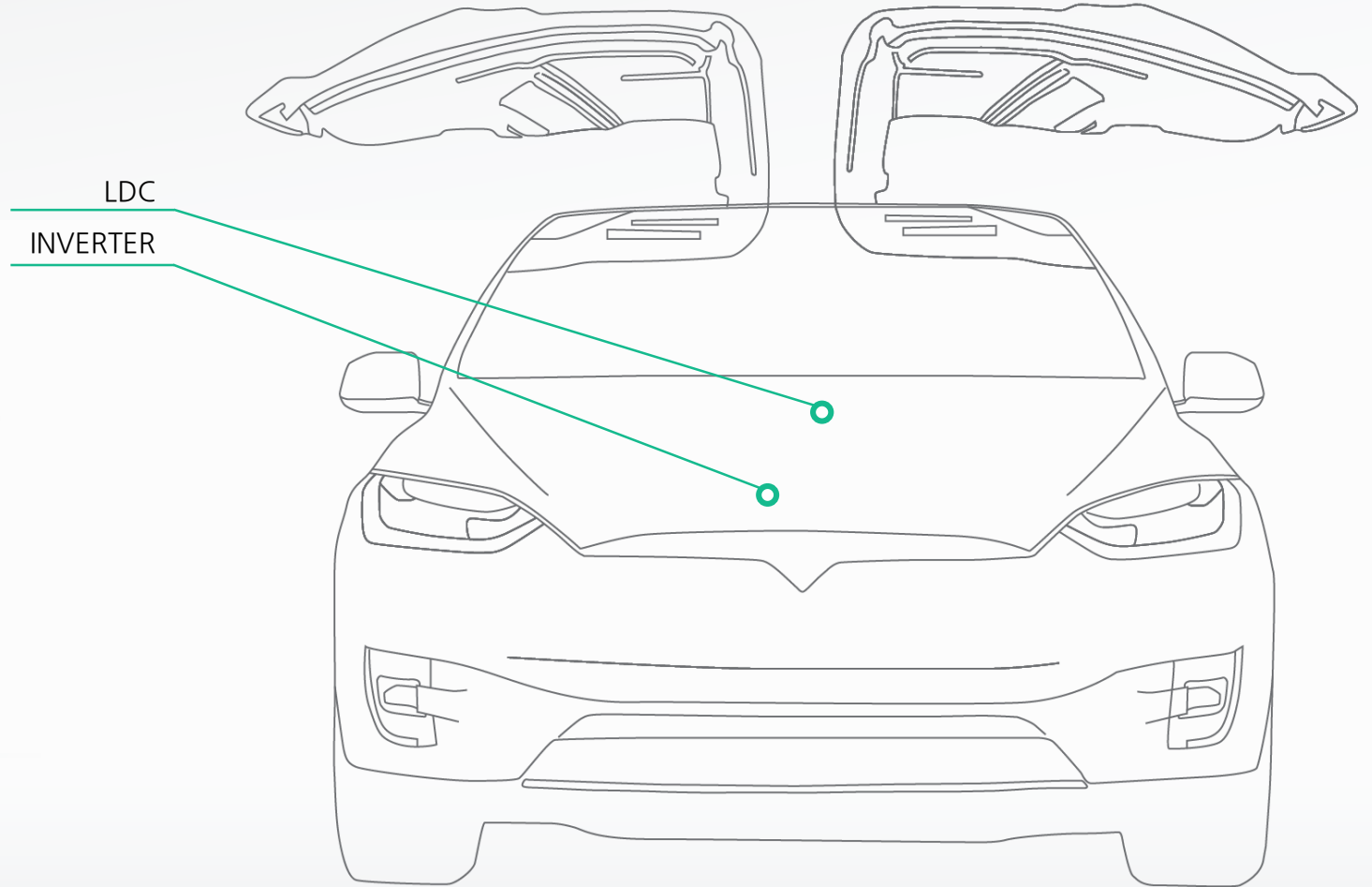
· PHEV

### Product Line up(Developing)

· LDC

· Inverter

· charging station



# 3 Major Products



## Wireless Communication Module (QCA9379-7 WIFI-BT Combo Module)

### Product explanation

- Qualcomm QCA9379-7 base Module
- Complies 802.11 a,b,g,n,ac 2X2 MU-MIMO
- Supports Bluetooth 4.2 + HS, BLE, ANT+
- Integrated three antennas for Bluetooth & WIFI

### Application



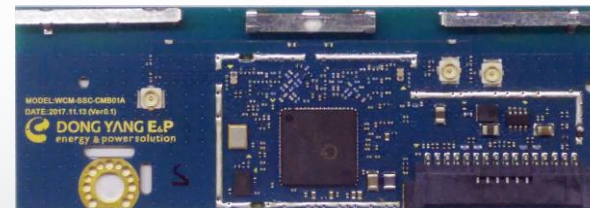
·TV



· Set-top Box

### Product Line up(Developing)

- WIFI Module
- Bluetooth Module



WIFI-BT Combo Module

Thank you