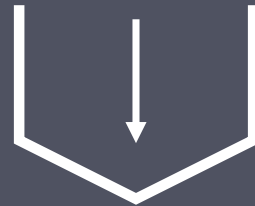




# **CREATIVE BUSINESS WITH YOU**

**Your participation, We will grow faster**





K-INEE | 焜炜



**Professional, Responsible, A partner you can trust !**

# Content

## Overview

### About K-WELL

- 1 K-WELL Profile
- 2 K-WELL Timeline
- 3 K-WELL Location
- 4 Vision, Values, Quality
- 5 Why choose K-WELL

### K-WELL Capabilities

- 1 Product category
- 2 Design capability
- 3 Manufacturing capability
- 4 Sales and revenue

- 1 Planning & Future
- 2 Contact us

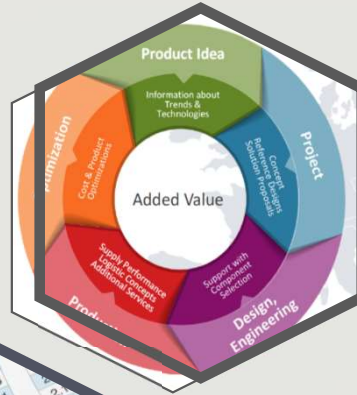
Thank you for being here today

# Company Profile

Founded in Shen Zhen China at 2006,  
K-WELL is focus on the R&D,  
Production and Sales of :

## Standard product families Of Magnetic Components

Since 2022,we invested about 2.8  
million dollars in production equipment,  
Test instruments and product molds



As a dedicated magnetic components  
provider. We offer the complete product  
range and global technical support.  
To create more added value for customers  
is our service purpose:

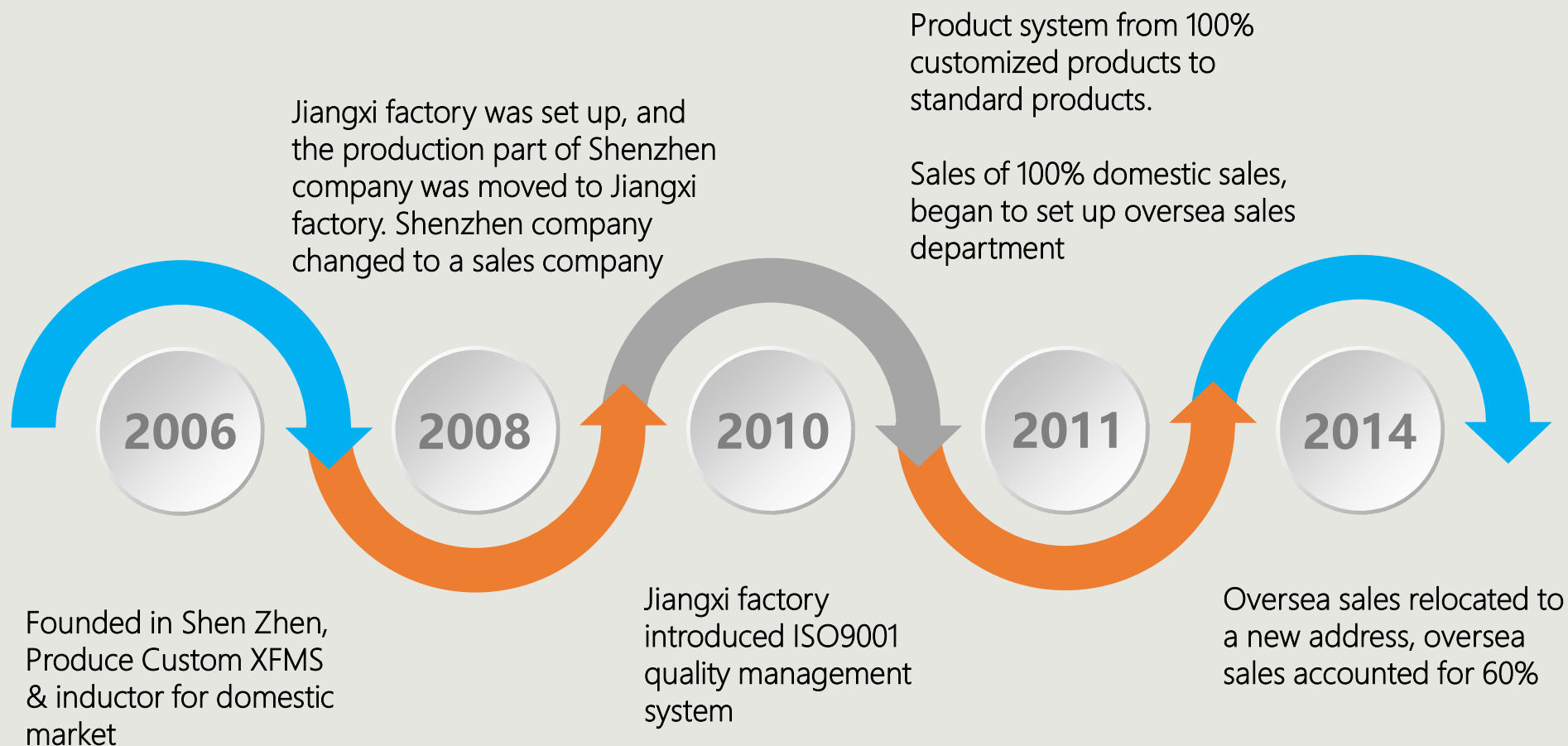
**Cost & Products Optimizations**  
**IC Reference Designs**  
**Solution Proposals**  
**Component Selections**

Over the years, K-WELL Technology already  
had a diversified sales model, cooperate with  
**Factories, passive component distributors,**  
**Design-in company, EMS company, PCBA**  
**factories** in the world



# Timeline

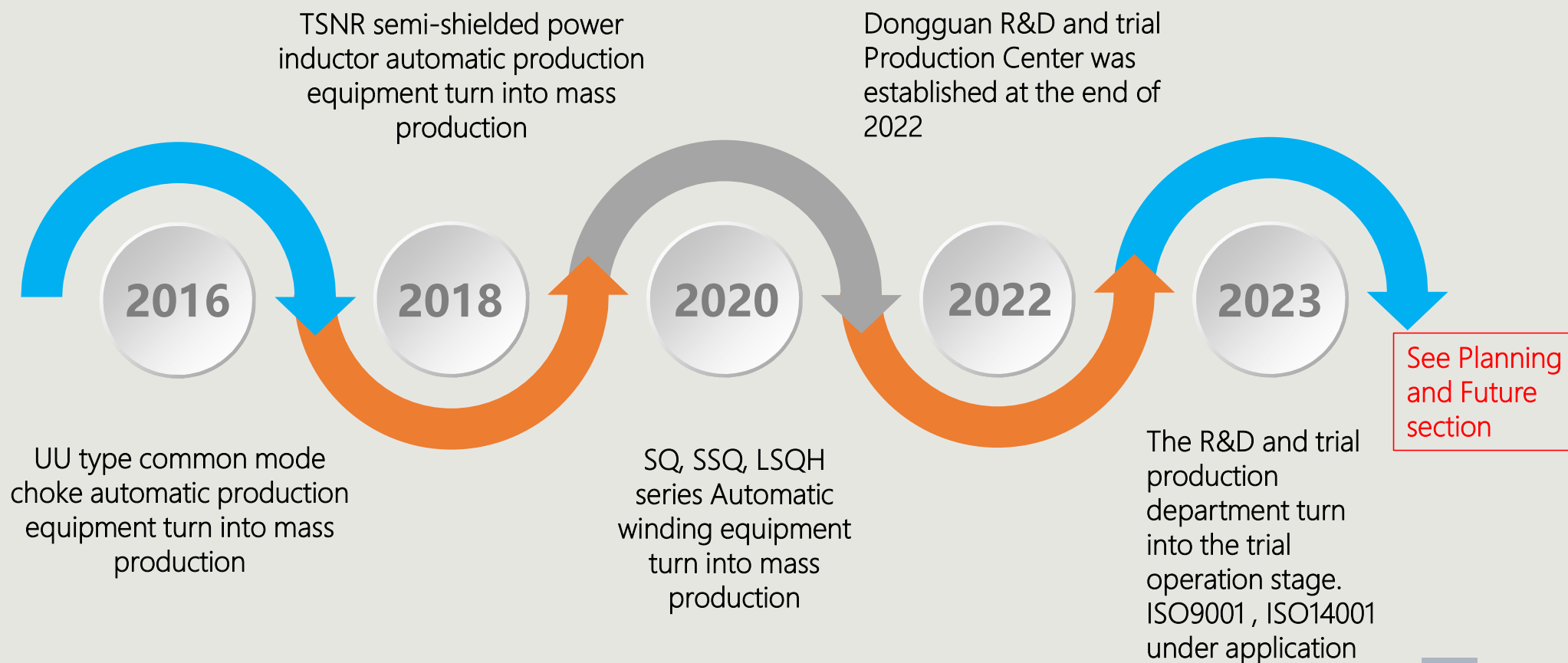
K-NEEL 焜焜





# Timeline

K-WEI 煜火韦





## K-WELL Locations

K-WELL 煜火韦



### SHEN ZHEN COMPANY

200 sq.m / 8 people  
Function: Overseas sales  
Domestic sales



### JIANG XI FACTORY

3500 sq.m / 160 people  
Function: Mass production



### DONG GUAN COMPANY

1200 sq.m / 20 people  
Function: Research and development  
Trial production and PMC

## Our vision



**Aim to be the world's  
first-class EMC solutions  
provider**





## Our values

K-WELL 煜炜

- 1 Think about what customers want
- 2 Think as an engineer
- 3 Spirit of ownership
- 4 Trust first



- Co-create consensus 5
- Result-oriented 6
- Tenacity and optimism 7
- Continuous growth 8

# Zero Defect Is Our Goal



Quality is the most important thing  
in K-WELL Technology

## CUSTOMER SATISFACTION

The quality of our products and services represents a key constituent of our corporate strategy, whose principal aim is customer satisfaction.

# 100% process control

## QUALITY ASSURANCE

Our quality management system is continuously oriented to the international standards that stipulate the highest requirements.



## WHY CHOOSE US

K-WEI 煜火韦

### Wide Range of Products

About 6000 product part numbers are available for EMC and POWER Magnetic Components.

One-stop service is time savings for you

### Products are Alternative to World-wide brands

All part numbers alternative by  
Würth, Coilcraft, Bourns, Sumida  
TDK-EPCOS, Murata, Kemet,  
Kaschke, Schaffner, Pulse...

01

02

**30 YEARS  
TECHNICAL  
EXPERIENCE IN**  
Magnetic Components  
Design & Manufacturing

03

04

### Strong Technical Support

Professional engineers to support your product development, optimization and focus on your application.

We sell solutions, not just part numbers

### Excellence Quality Reasonable price Flexible delivery

Besides the technical solution,  
We focus also on availability, your cost  
and your Product development cycle



## EMC Magnetic Components Range [standard parts]



### AC POWER LINES APPLICATION

Common Mode Choke  
Differential Mode Choke  
  
Single Phase / Three Phase



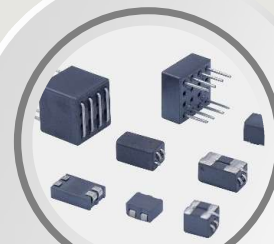
### DC POWER LINES APPLICATION

Common Mode Choke



### LOW VOLTAGE LINES APPLICATION

Common Mode Choke  
  
Signal lines / Data lines



### HIGH CURRENT FERRITE BEAD AND ARRAY

1 Line  
2 Lines  
3 Lines  
4 Lines



### AC POWER LINES APPLICATION

Combination choke coil  
  
Common Mode Choke  
+  
Differential Mode Choke

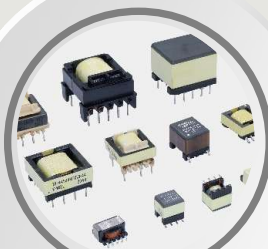


## POWER Magnetic Components Range [standard parts]



### POWER INDUCTOR

Unshielded type  
Semi-shielded type  
Shielded type  
High voltage type  
Coupled type



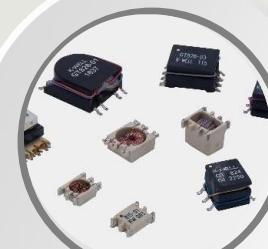
### TRANSFORMERS

Switching mode PS  
DC-DC Converter  
Power over Ethernet



### CURRENT SENSE TRANSFORMER

Current Range:  
7 Amps to 47 Amps



### GATE DRIVE TRANSFORMER

Function insulation  
**Supplementary-  
Insulation**  
Reinforced insulation



## Custom Finished Magnetic Components Range



### **PFC CHOKES**

Ferrite core size

RM8 - RM14  
PQ2620 - PQ3811  
EFD25 - EFD30  
EF25 - EF35  
EI 20 - EI 48



### **TRANSFORMERS**

Ferrite core size

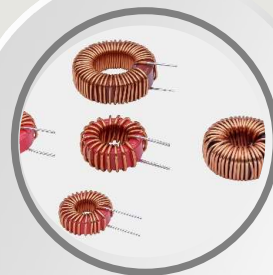
EE8.3 - EE80  
EF12.6 - EF35  
EFD15 - EFD30  
ETD29 - ETD59  
RM4 - RM14  
PQ20 - PQ50



### **INDUCTORS**

Ferrite core size

R2\*10 - R10\*40  
DR4\*6 - DR18\*25



### **CHOKE COILS**

materials & size

Iron powder core  
Sendust core  
High flux core  
MPP core  
Amorphous powder core  
T127 - T680



### **CM & DM CHOKES**

Ferrite core size

UU9.8 - UU16  
EE5 - EE25  
ET20 - ET35  
T6 - T63





## K-WELL Capabilities

K-WELL 焜炜

### R & D Capabilities



HP4284A LCR meter

**30** years  
of experience  
in R&D team



HP 8753D Network Analyzer

### EMC & POWER Magnetic Components



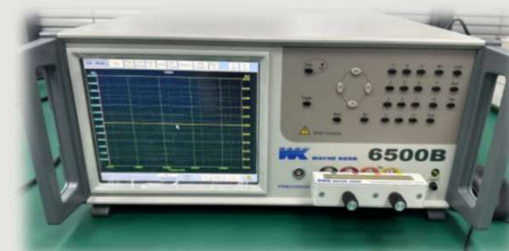
IR & Hi-Pot tester



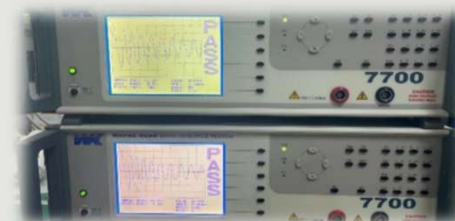
HP4286A RF LCR meter

Frequency Range :  
1KHz up to 3 GHz  
Current Range:  
0.1A up to 125 A  
Power range:  
5W up to 10KW

Design comply with :  
EN60938-2 EN60335-1  
UL 1283 UL 60950  
EN60638-1 EN61558-1



WK6500B Impedance Analyzer



WK7700 Impulse & Surge Tester



DC BIAS WK3260B + WK3265B

**Production  
Equipment  
Display**

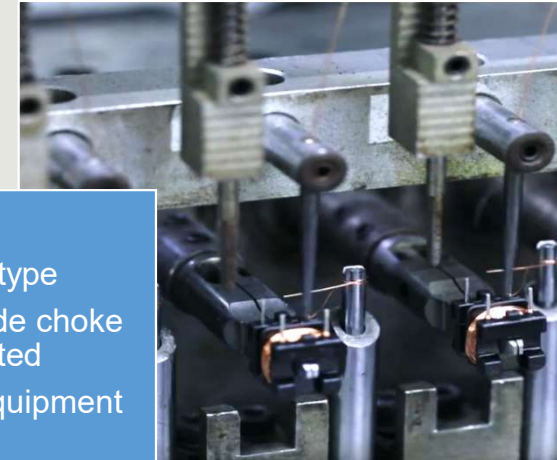
**EMC & POWER  
Magnetic Components**



Square core type common mode choke  
Automated production equipment

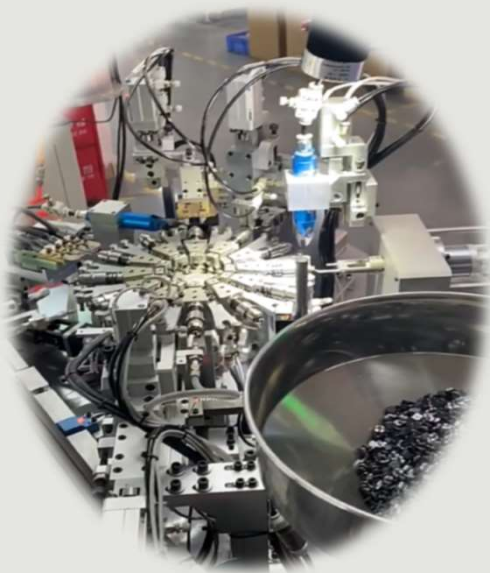


UU core type  
Common mode choke  
Automated  
Production equipment





Production  
Equipment  
Display



TSNR series  
Power Inductor  
Automated equipment

EMC & POWER  
Magnetic Components

Toroidal core



Winding  
Machine

Transformer



KINELL 焜焜

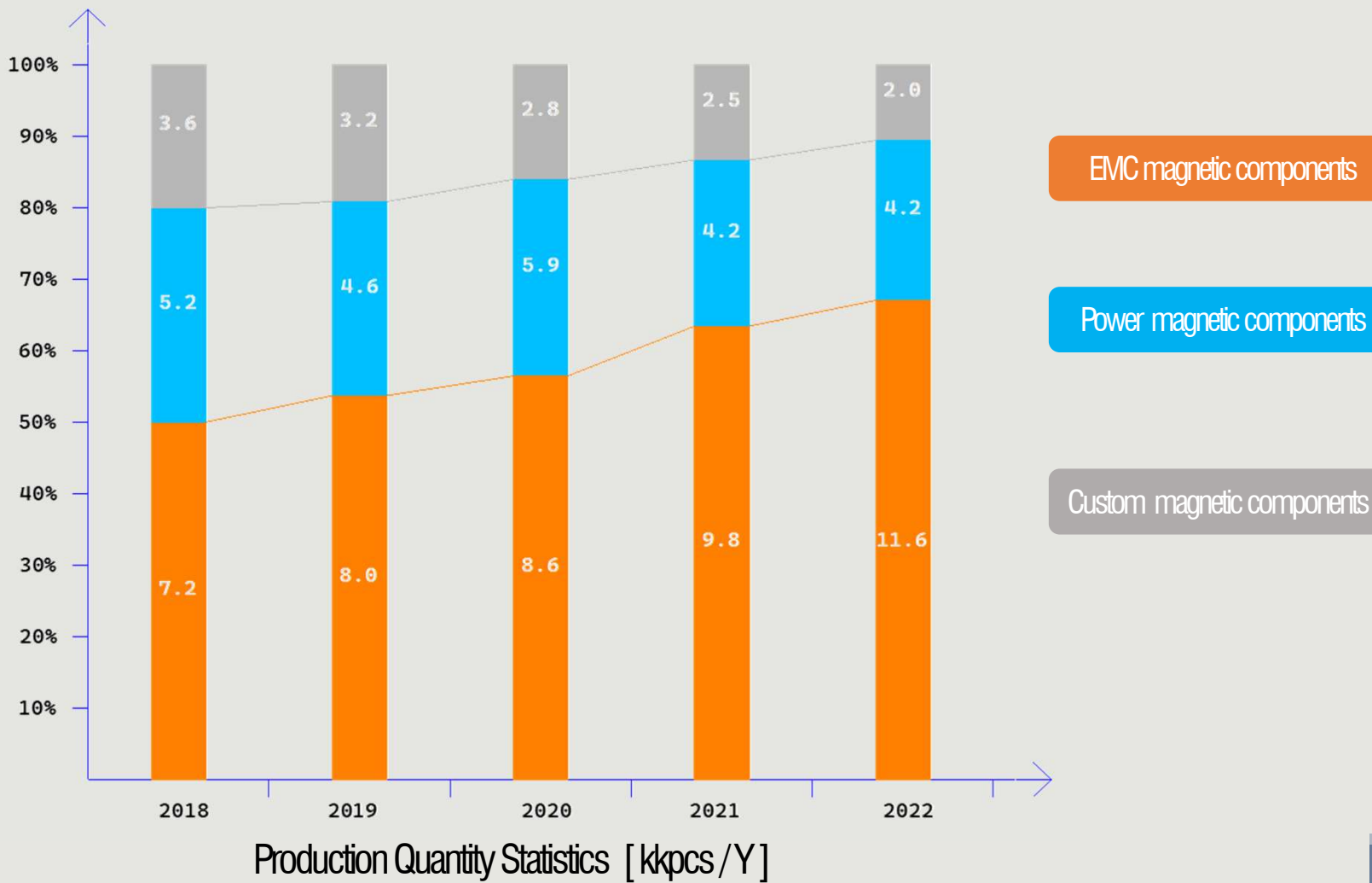


Workshop  
Corner

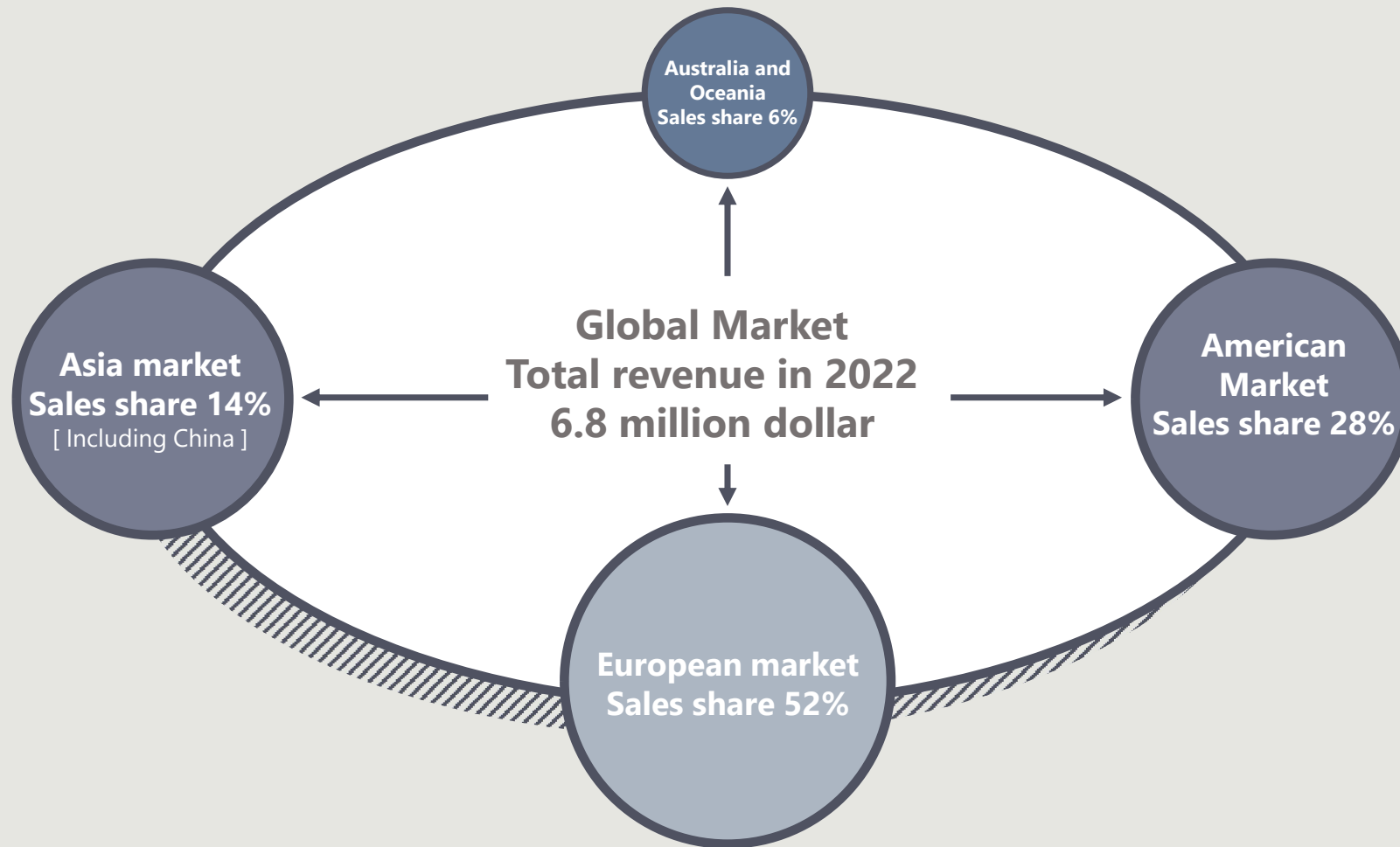




## Production Capabilities



## Global sales statistics for 2022



## Planning & Future

### Product development planning

EMC solutions are the direction of K-WELL's future product development. single-phase filter, three-phase filter, DC filter is our main R&D direction in the next three years.

### Completed IATF16949 certification

In the establishment of reliability test equipment, the completion of IATF16949 quality system certification. Production of AEC-Q200 certified products can be achieved



1

2



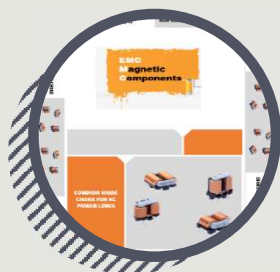
3

### Invest in reliability testing equipment

In the next five years, we plan to gradually purchase reliability test equipment, which can complete basic reliability testing. Such as high temperature test, low temperature test, thermal cycling test, humidity test, thermal shock test, terminal strength test, vibration test, drop test, Solderability test...

## Sales planning

Invest more human resources in marketing and sales, establish part number cross-reference and design kits supports new website.  
Set up mainstream social media accounts to publish more product information. All plans will be completed by the end of 2023



4



## TCRH shielded power inductor automation equipment

We have started research and development of automated production equipment for TCRH power inductors, which is expected to be put into mass production in 2024

5



## Talent reserve and training planning

From 2023 we have started the recruitment reserve of laboratory test engineers and line filter R&D engineers.

6



## CONTACT US

KW-MAGNETICS | 焜火韦

## CONTACT US



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