W-Etech

Development Co., Limited

POWER YOUR LAPTOP EFFICIENTLY



01 About us

Founded in 2008, W-Etech is committed to providing quality and reliable power supply products for laptop, like laptop battery, laptop adapter.

We have 2 Comprehensive Production Bases which is built with strict quality management system, passed ISO9001 certification.

With 10+ years experience in this field, have customers in US, Canada, South America, South Africa, Australia, Europe, Southeast Asia and Middle East countries...

Founded time	2008	**Business Model**	Integration of design, R&D, production and sales	**Staff**	200 employees and 6000 squaree meters area

Organizational Structure

W-Etech Development Co., Limited

Dongguan Yike Factory

Manufacturing plant of Laptop battery, Domestic sales

Shenzhen topSmix office

Overseas marketing

Guangzhou Zaohon Factory

Manufacturing plant of Laptop adapter, Domestic sales

02 Production

In 2 COMPREHENSIVE PRODUCTION BASES, we own R&D team, tooling making and assembly line.



facilities
&
scale

- Factory Base - 2
- Laptop adapter Production – 3 lines
- Laptop Battery Production – 3 lines
- Tooling Workshop – one
- SMT Workshop – one

Professional Manufacturing Production---Manufacturing Equipment



Cutting Pin Machine



Reflow Oven



Ultrasonic welding machine



Laser carving machine

Professional Manufacturing Production---Inspection Instrument





Voltage&Current Instrument



Battery Checking System



Customized Test Instrument



Voltage Withstand instrument

Professional Manufacturing Production---Aging Test Room



Testing Shelves



Battery In Aging Test



Tester Corner



Testing Program



Testing Record by System

Quality control

1 **Raw material**

incoming quality check
check the external visual

2 **SMT work**

sampling check
check the external visual

3 **Plug-in work/welding**

sampling check
check the external visual

4 **PCBA/case/battery cell/wire**

QC test
check the external visual
check the electrical characteristics

5 **Assembly**

semi-finished product test
check the functions

6 **Finished product**

100% inspection
check appearance and functions

Processes of quality control, to produce products with care

Number	Control Process	Detection	Target
1	IQC	Sampling Inspection	Ensure all material is qualified
2	DIP Visual Inspection	Full Inspection	Ensure all DIP parts are correct and complete
3	PCBA Visual Inspection	Full Inspection	Ensure all PCBA surface is fine.
4	PCBA ICT Scan	Full Inspection	Ensure all welding point works effectively.
5	PCBA Fuctional Test	Full Inspection	Ensure all PCBA Works well.
6	Semi-finished Product Function Test	Full Inspection	Ensure all Semi-finished Product function is OK.
7	Aging Test	Full Inspection	Ensure Finished Products work fine and stably.
8	Functional Test before shells Welding	Full Inspection	Ensure functions are OK.
9	Functional Test after shells Welding	Full Inspection	Ensure functions are OK.
10	Visual Inspection	Full Inspection	Ensure finished products surface is good.
11	OQC	Sampling Inspection	Ensure the order is finished perfectly.

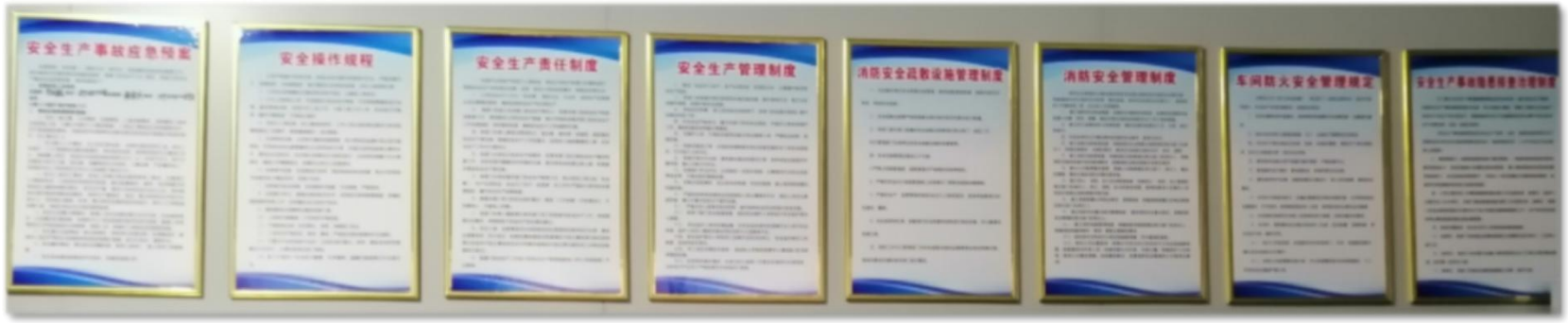
Professional Manufacturing Production-Standard of Operation

Our Factory keeps moving to be professional in Manufacturing. Directs and supervises production process to align with SOP.

1 Inspection After Packing-AQL Standard

Inspection Item	Quality Characteristics	Level	AQL(%)
Major Defect	Open,Short,Fuction Defect,No Mark,Wrong Mark,Lead Breakage	II	0.065
External Visual	Mark unclear,Chipping,Scratch,Out-of-dimension,Obstacle	II	1
Electrical Characteristics	Maximum and minimum values are specified in Electrical Characteristic test	II	0.065

2 Factory Production Regualtions



03 Contact us

We always have someone on hand to answer your questions. If you have any problems, comments, or suggestions, please contact us.

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