



POWERCOM Introduction

powers up the world

POWERCOM Marketing
Paul Chang

History

1987

Founded in Taipei, Taiwan

1st micro processor technology

1989

Step Wave UPS
Sine Wave UPS
On-Line UPS



1994

2002

On-Line High Frequency UPS

2006

Industrial UPS



2011

Power Factor 0.9



2014

Raptor Series

2015

Infinity Series

Power Factor 1.0



2016

Modular UPS



2017

Innovation, Reliability, Excellent Experience

Global Footprint

More than 80 countries in the world.



Company Position & Corporate Vision

Leading Design

Manufacturing

Service Provider

Innovation

Quality

Service

8 R&D Team

HW, FW, SW
&
mechanical
Design

Complete
function test

ISO certified
Process with
Total Quality
Control

Global
Channels

Specialists
Technical
Consultants

Company Certification



ISO 9001 Certified

RoHS Compliant



Powercom's quality system is our commitment to ensure customers obtain the highest price and performance. Powercom has adopted the most rigid quality control system in the industry since 1996 by getting approved by ISO-9001 standard and RoHS compliant in 2005.

Our QA staffs are full trained to perform each of the task within our production process, from IPQC (In Process Quality Control) to OQA (Out-going Quality Assurance).

Business Structure

POWERCOM

UPS, AVR, Inverter, Converter, PDS

Taiwan

-HQ
-MFQ
-Office
-Service

China

-MFQ
-Office
-Service

USA

-Office
-
Service

Russia

-Office
-
Service

Europe

-Office
-
Service

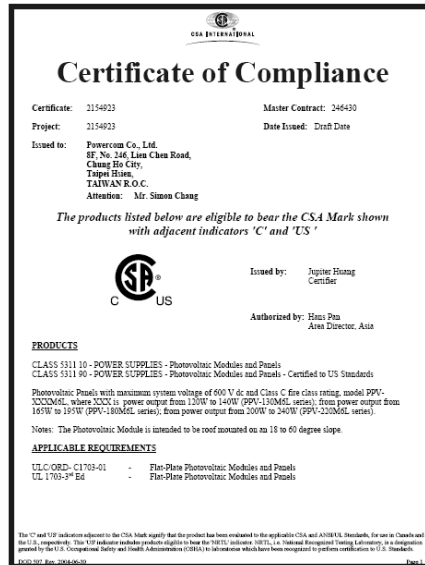
Korea

-Office
-
Service

Japan

-Office
-
Service

Product Certification



R&D Team



On-line 1P



On-line 3P



Line interactive Sinewave



Line interactive Stepwave



Off-line



Inverter / AVR

**Design
Verification**

**Reliability
Test**

**Compliance
Examination**

UPS Product Line



ON-LINE UPS

Perfect solution for industrial users

● VANGUARD II
1KVA~10KVA



● MACAN II
1000VA~3000VA



● VANGUARD 33
10KVA~60KVA



● ONL SERIES
2KVA~20KVA



● ONL-33 II
10KVA~250KVA



LINE-INTERACTIVE UPS

Give you the perfect interactive experience

● RAPTOR
600VA~2000VA



● IMPERIAL
425VA~3000VA



● PHANTOM
550VA~850VA



● SMART KING Pro
1000VA~3000VA



● SMART KING PRO
500VA~3000VA



● SPIDER SERIES
650VA~1000VA



OFF-LINE UPS

Great Power Backup solution from desktop to datacenter

● WOW UPS
300VA~1000VA



POWER PRODUCTS

Professional AVR & PDU Provider

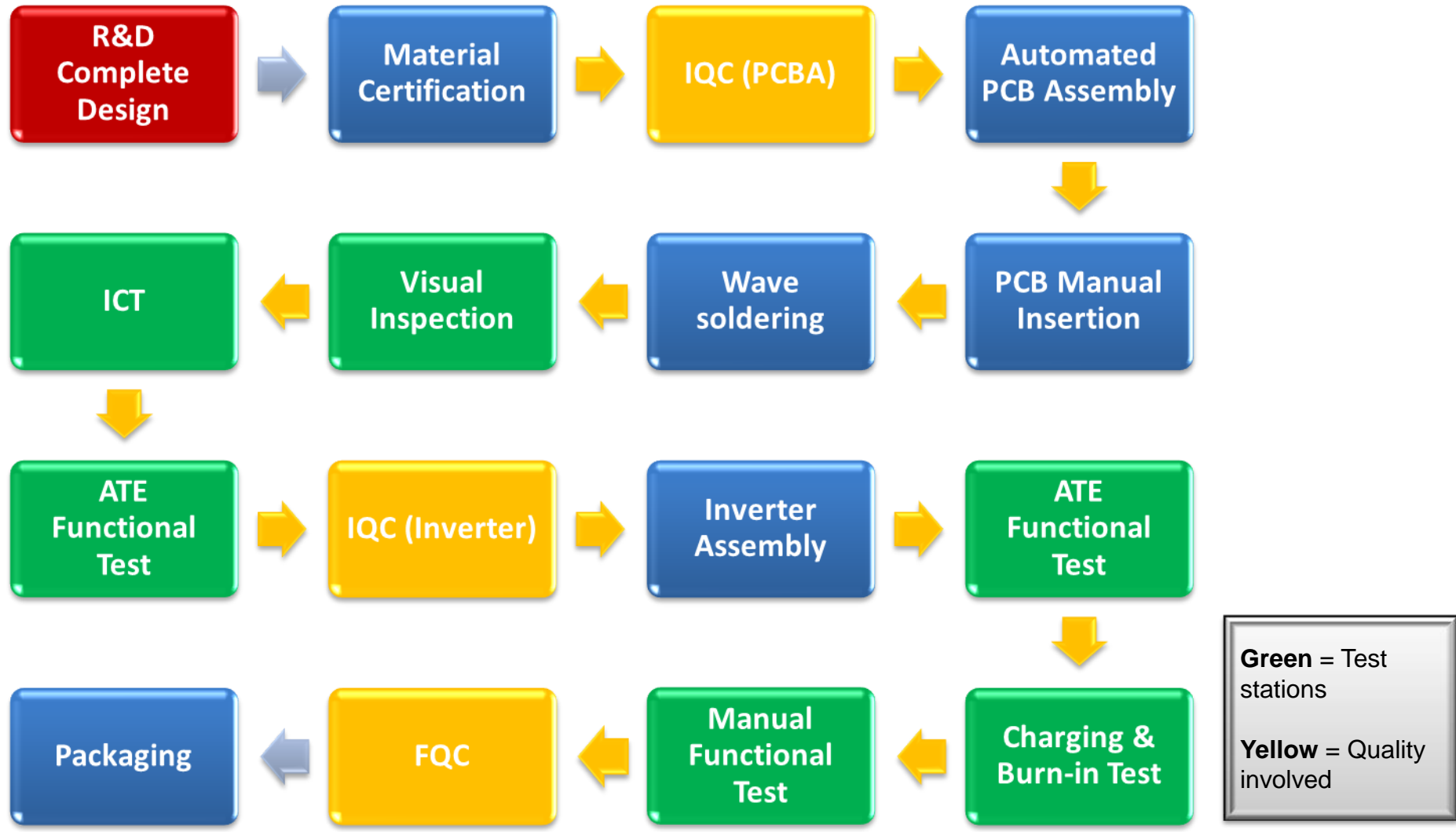
● TAP-CHANGE AVR
600VA~3000VA



● PDU SERIES



Manufacturing Process



UPS & Inverter PCB Assembly



Automated Injection



Manual Injection



Wave Soldering



ICT



Functional Test



IPQC



PCB Operation



PCB Operation

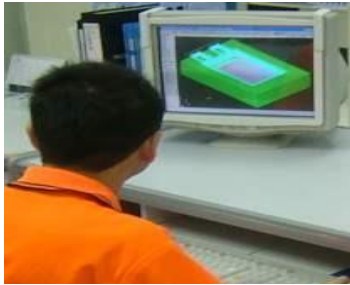
OEM & Product Customization Capability



PCB design & layout



PCB production line



Case design



Tooling



Injecting



painting



Transformer



Cables



Metal fabrication

Complete In-production Testing



Automated Test Equipment



Burn-in Test Charge & Discharge



Functional Test & FQC



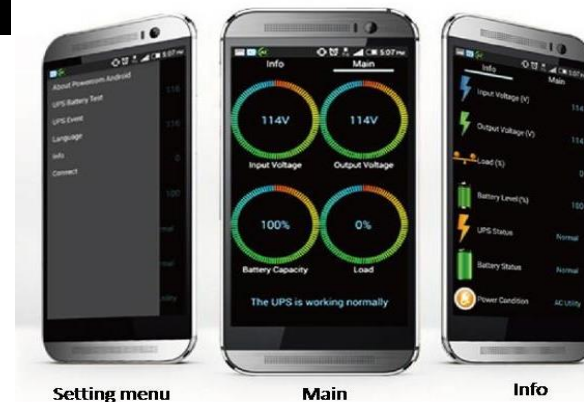
Zhongshan Guanghong Facility



Product Introduction

POWERCOM APP

- Real-time Error Warning
- Real-time Monitoring
- Auto Run on Boost
- Historical Event
- Multi Language
- Outlet Control
- Battery Test



**SMART
RELIABLE
CONVENIENT**

RAPTOR SERIES

- **600 / 800 / 1000VA**
- **1025 / 1500 / 2000VA**
- **Perfect Fit for PC**
- **Up to 6 Outlets**
- **AVR in-built**
- **LCD / LED display**

Powercom
company
introduction by
MS Power Point



RPT - 600 / 800 / 1000VA



RPT - 1025 / 1500 / 2000VA

SPIDER / CUBE SERIES

- **600 / 800 / 1000VA**
- **4+4 Schuko Outlets**
- **High Frequency Design**
- **Perfect Fit for set of Devices**
- **LCD / LED display**



CUB - 650 / 850 / 1000VA



SPD - 650 / 850 / 1000VA

INFINITY SERIES

- **500 / 800 / 1100 / 1500VA**
- **Charging Current Up to 15A**
- **60-200Ah Battery available**
- **Prolonged back up time**
- **Pure Sine Wave Output**
- **LCD Display**



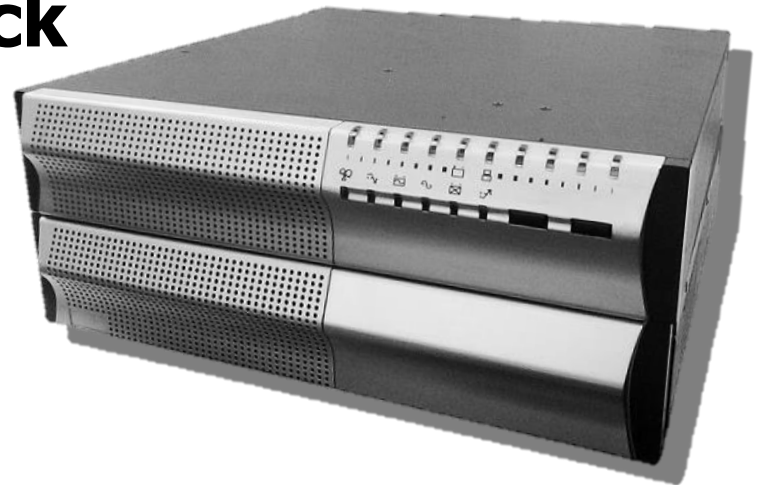
SMART KING PRO TOWER/RACK

- **1K / 1.5K / 2K / 3KVA**
- **Power Factor 0.7**
- **Input Voltage 155V – 300V**
- **Easy Swap Battery**
- **Up to 8+1 IEC Outlets**
- **Sine wave Output**



SMART KING RACK-TOWER II

- **1K / 1.5K / 2K / 3KVA**
- **Power Factor 0.9**
- **Pure Sine wave Output**
- **Adjustable Input Voltage 155V – 300V**
- **Extendable Battery Pack**



VANGUARD II / VRT SERIES

- **1K / 2K / 3K / 6K / 10KVA**
- **Power Factor 0.9**
- **Pure Sine wave Output**
- **Less than 3% THD**
- **High Efficiency Mode**
- **Generator Mode**
- **Free-Run Mode**



MACAN SERIES

- **1K / 2K / 3KVA**
- **Power Factor 1.0**
- **Pure Sine wave Output**
- **High Efficiency Mode**
- **Less than 3% THD**
- **Generator Mode**
- **Free-Run Mode**



MACAN RT SERIES

- **1K / 2K / 3K / 6K / 10KVA**
- **Power Factor 1.0**
- **New single phase On-line UPS**
- **Pure Sine wave Output**
- **Less than 3% THD**
- **Rack & Tower design**
- **Auto-Rotation LCD**



PBM SERIES

- **650 / 1500 / 2000VA**
- **Pure Sine wave Output**
- **Wide operating Temperature**
 - **-37 °C to +74 °C**
- **TEES qualified**
- **Dry contacts**
- **LCD display**



See Application

ONL-M SERIES

- **STS, UPS & Battery Modular Design**
- **Up to 10 Modular per Cabinet**
- **20K / 30KVA per Modular**
- **N+X Redundancy**
- **Hot Swappable**
- **Cold Start Yes**



VGD II 33 SERIES

- **10K - 40 KVA**
- **60K - 120 KVA**
- **150K - 500 KVA**
- **High Frequency Tech.**
- **ABM applied**
- **Wide Input Voltage**



ONL II 33 SERIES

- **Industrial UPS, with Transformer**
- **10KVA to 500KVA**
- **Double Conversion**
- **Overload controllable**
- **Advance VIS maintains**
- **Green Energy Saving**





POWERCOM, Power Up the World





Experience our best service.