

*YOUR BEST PARTNER  
IN CHINA*

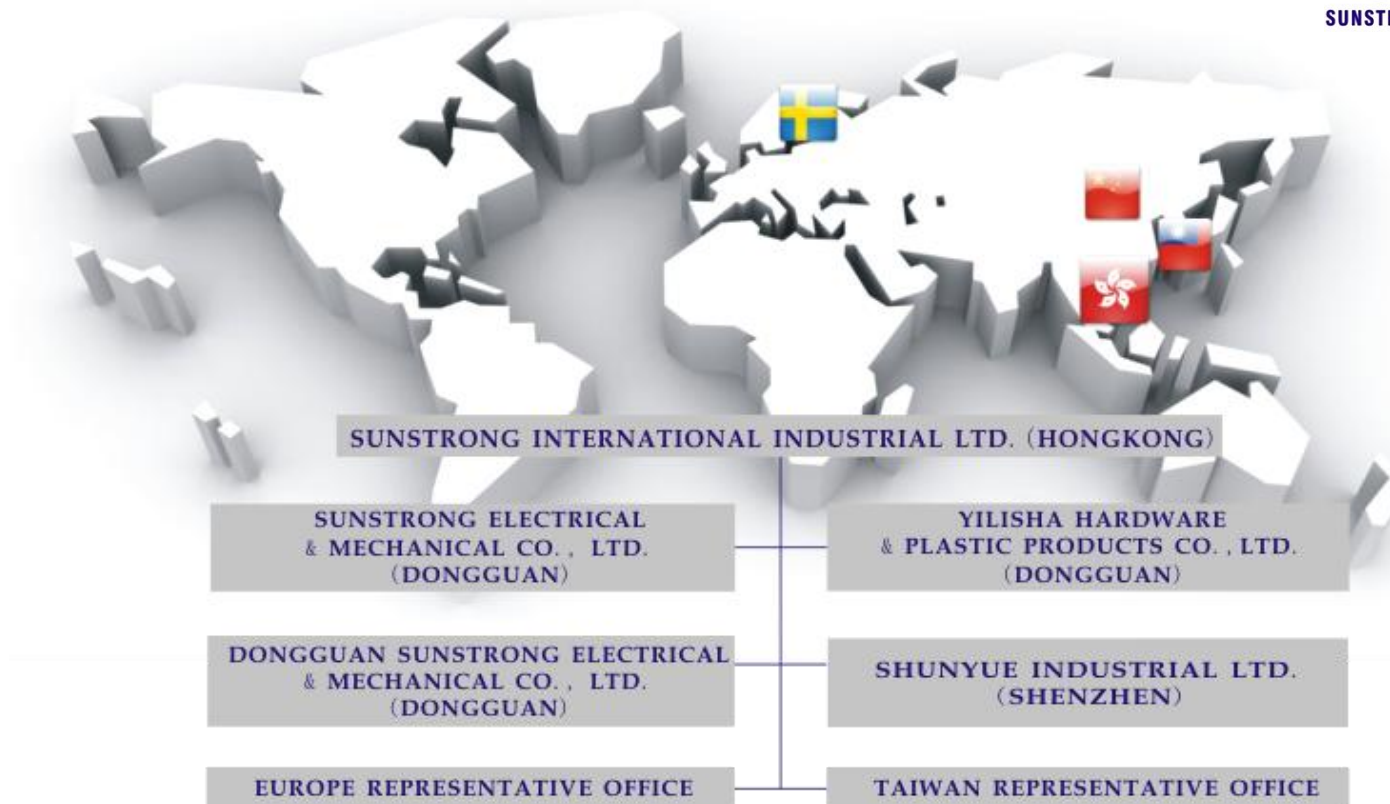


啓益國際實業

SUNSTRONG INTERNATIONAL

FOUNDED IN 1984

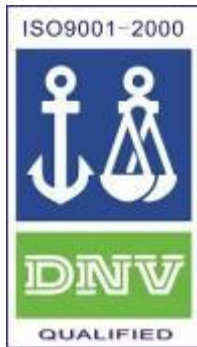




## MAIN BUSINESS

**FIELD** PRECISION METAL FORMING & PLATING;  
POWER SUPPLY SOLUTION; (Adaptor, PCBA, Charger, Power Cord)  
PLASTIC INJECTION;  
SURFACE MOUNTING;  
ASSEMBLING SYSTEM





**SIL**<sup>®</sup>  
SUNSTRONG INTERNATIONAL



*Established since 1984*  
*Over 5000 employees*  
*US\$80 million of turnover in FY 2009*  
*Over 100,000 Sq meters for production*



## OVER TWENTY YEARS EXPOSURE IN CHINA

- 1984 *Sunstrong International Industrial Ltd. was founded in Hong Kong*
- 1994 *Headquarter factory was set up in 1994 in DONGGUAN City*
- 1998 *Sunstrong obtained TUV ISO9001 certification*
- 2001 *RoHS has applied in Sunstrong*
- 2002 *Application of lead free manufacturing process*
- 2003 *Obtained qualification of Sony Green Partner*  
*SHENZHEN SHUN YUE Industrial Ltd was founded in SHENZHEN City*
- 2004 *YILISHA Hardware & Plastic Products Co., Ltd was founded in DONG GUAN*
- 2005 *Sunstrong obtained DNV ISO9001 and ISO 14001 certification*
- 2007 *Sunstrong Electrical & Mechanical Co., Ltd was founded in DONG GUAN*
- 2010 *Planned to launch new facility to combine three existing facilities in DONG GUAN*
- 2011 *SHANG HAI - KUNSHAN Factory will be launched in the first half of Year*





**LINEAR ADAPTOR SWITCHING MODE  
&  
CAR CHARGER**

**SIL**<sup>®</sup>  
SUNSTRONG INTERNATIONAL







*Interchangeable Pin  
Adaptor with Cord or  
USB:*

- *Low EMI noise*
- *Low Radiated Emission*
- *Combined Compliances w/ End Product*
- *Cell phone & DC compatible*

**INTERCHANGABLE PIN AC ADAPTOR**





**AC Adapter for  
Digital Camera and Digital Video Camera**



***Communication Biz – Bluetooth Headset PSU***





***Communication Biz – Cordless Phone PSU***

## PROTECTIONS :

- *Each Cell Detection*
- *Pre-charge*
- *Constant Current*
- *Timer out*
- *Watch Dog Function*
- *Secondary Protection*
- *Discharge Protection*
- *Temperature Protection*
- *Over Current Protection*
- *Voltage Cut Off*



***SUPER COMPACT DRILL (4 Li-ions)***

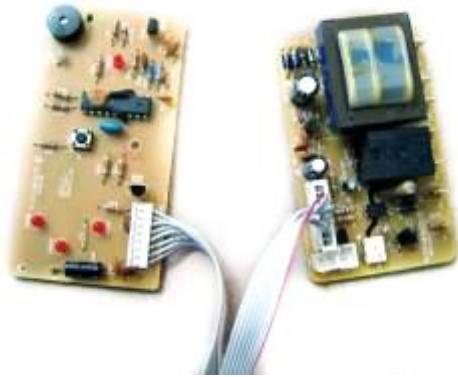
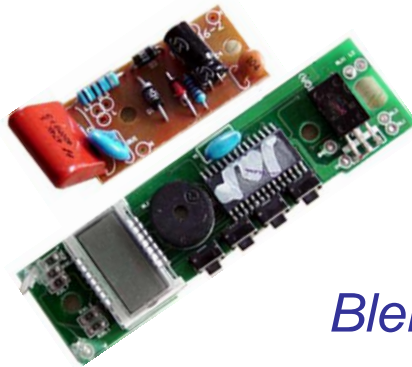
PROTECTIONS :

- *Pre-charge*
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**LI3000 (3.6V) CELL CHARGER (1 Li-ions)**





*Coffee Maker*

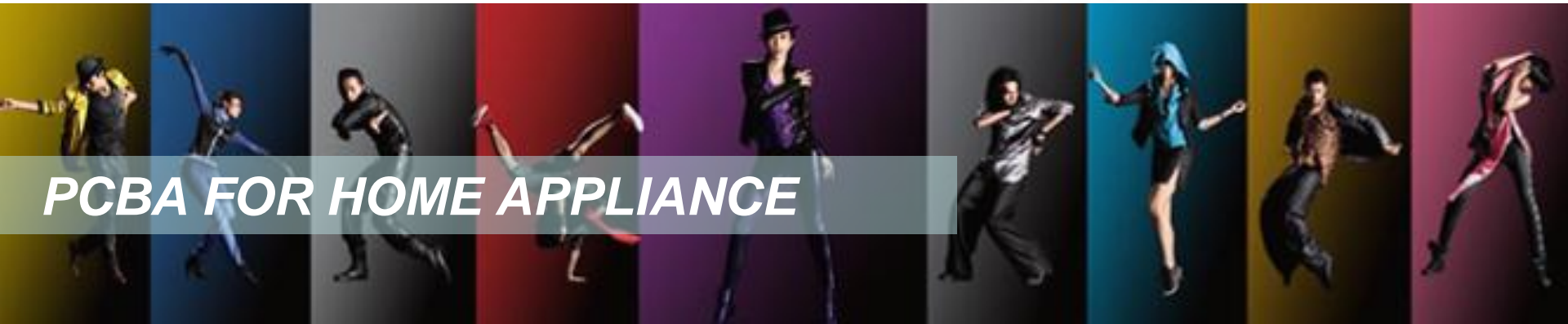
*Rice Cooker*

*Blender*

*Toaster*



**PCBA FOR HOME APPLIANCE**



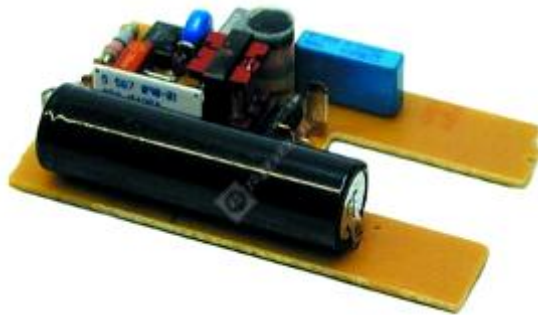
## SHAVERS



## TOOTH BRUSH



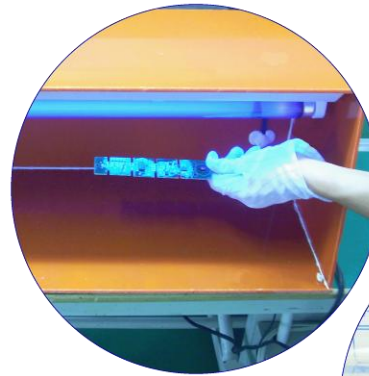
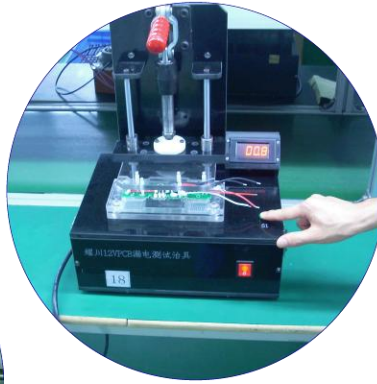
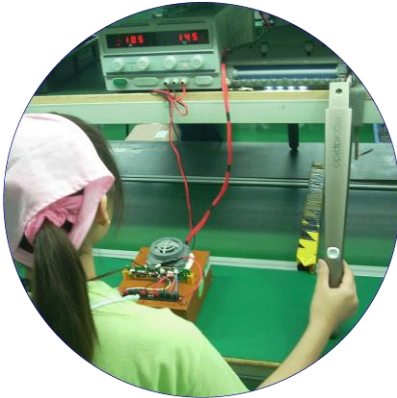
## LADY SHAVERS



**PCBA FOR PERSONAL CARE APPLIANCES**

# HA-7066 Ni-MH PCBA

**SIL**<sup>®</sup>  
SUNSTRONG INTERNATIONAL





## PROTECTIONS :

- *Each Cell Detection*
- *Pre-charge*
- *Timer out*
- *Discharge Protection*
- *Temperature Protection*
- *Voltage Cut Off*

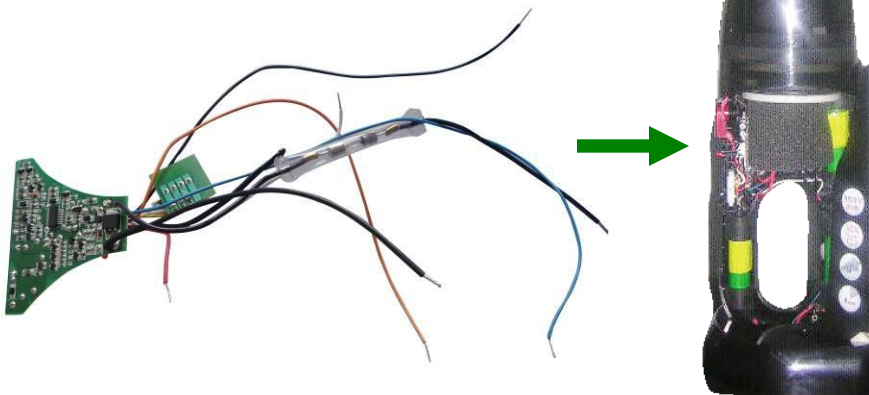


**CLEANER PCBA ( 5 Li-ions)**

# Cleaner **PCBA** (3 Li-ions)

## PROTECTIONS :

- Each Cell Detection
- Pre-charge
- Timer out
- Discharge Protection
- Temperature Protection
- Voltage Cut Off



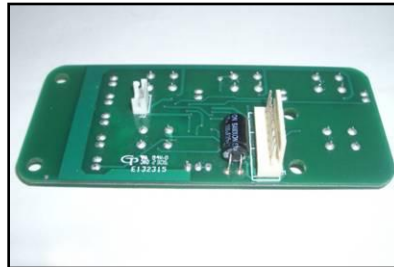
# PCB total solution



Spotbot Cleaner



Main PCB



MCU control PCB



Assemble the main PCB  
with the MCU



PCB ICT test (In-  
Circuit-Test)



MCU PCB semi-finished  
goods function test



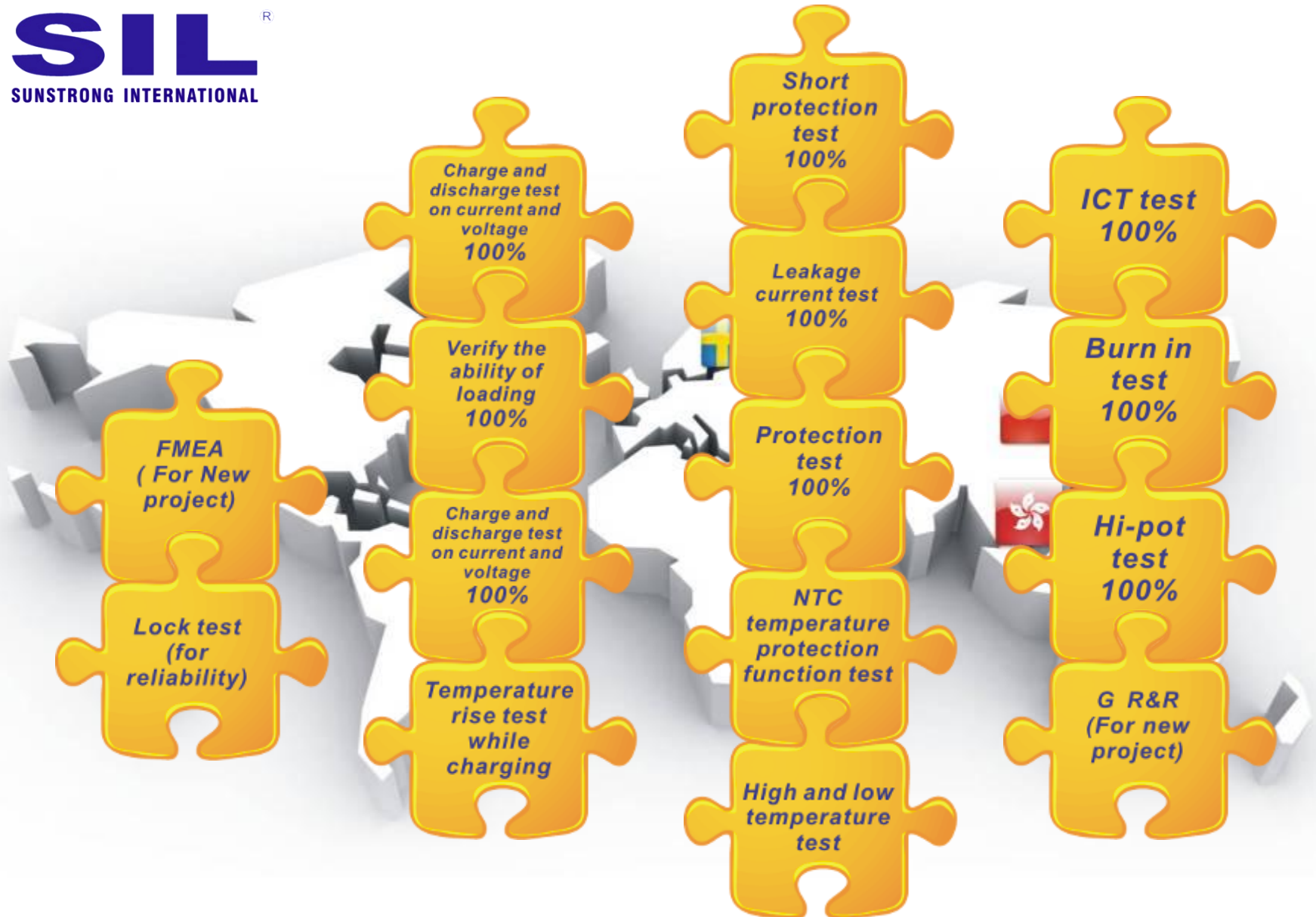
Main PCB & MCU PCB  
function test

• Bissell

Function

- pause/resume
- Stop
- Regular
- Aggressive
- Manual





# An Environmental Policy to Stand By



*AAS TESTER*



**SIL**<sup>®</sup>  
SUNSTRONG INTERNATIONAL



*GC-MS  
TESTER*



*X-RAY FLUORESCENCE ANALYSER*



*MICROWAVE EXTRACTION  
& DIGESTION EQUIPMENT*



*ICP TESTER*

**ENVIRONMENT PROTECTION  
COMMITMENT**



EMI TESTING ROOM



LIGHTNING SURGE  
TESTER

**SIL**<sup>R</sup>  
SUNSTRONG INTERNATIONAL



FLAME CHAMBER



**Agilent Technologies**



**KOME G**  
Member Of Mitutoyo Group



CONSTANT TEMPERATURE  
& HUMIDITY TESTER



AGING TESTER

EMI TEST LAB & CEC APPROVED  
TEST LAB



16 EDM  
6 Grinding Machines  
56 Drilling Machines  
88 CNC Machining Centers

82 CNC Lathe Machines  
132 Injection Machines  
29 SMT Machines



TO FOCUS, BE CREATIVE



ICP Thermo  
Spectrometer  
3D Projector Microscope  
2D Projector Microscope

80 Stamping Machines  
12 Automatic Punching Machines  
28 Extruding Machines  
70 Different Lab Machines



<i>Product Name</i>	<i>QTY / Day</i>	<i>QTY / Month</i>
<i>Linear Adaptor</i>	<i>150 K</i>	<i>4,000 K</i>
<i>Switching Adaptor</i>	<i>150 K</i>	<i>4,000 K</i>
<i>PCBA</i>	<i>300 K</i>	<i>8,000 K</i>



**PRODUCTION  
CAPACITY**

## OUR MAIN CLIENTS

**Canon**

**CASIO**

**JVC**

**NEC**

**Panasonic**

**SHARP**

**SONY**

**RICOH**

**Amphenol**

**BLACK&DECKER**

**COOPER**

**Electrolux**

**ERICSSON**



**FLEXTRONICS**  
*Where people make the difference*

**FOXCONN**  
*THE ART OF MORE*

**PHILIPS**

**PLANTRONICS**  
*SOUND INNOVATION*

**SENNHEISER**  
*Let the sound take you away.*

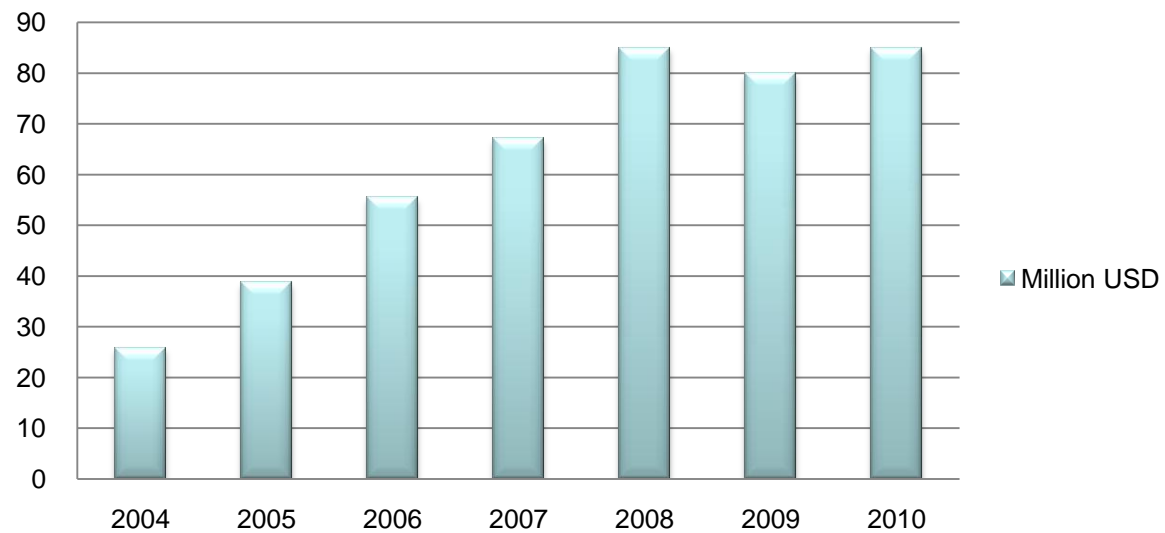
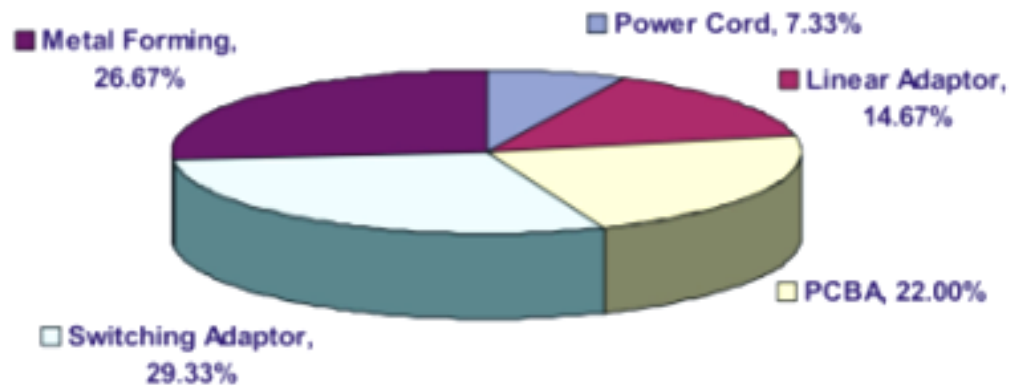
**3M**



**vtech**



## STABLE GROWTH





## ◆ *Business Partner to International Companies*

- *Since established in 1984, SIL has been doing business with world class brands;*
- *All of our products comply to international safety standards.*

## ◆ *One-Stop Solution With Vertical Integration for Production.*

**STRATEGIC POSITIONING**

**SIL**  
SUNSTRONG INTERNATIONAL

# *ENHANCE THE INVESTMENT IN METAL FORMING AND SMT FACILITIES*



AUTOMATIC  
SMT MACHINE



CNC DIE-CASTING MACHINE

*PLANNED TO LAUNCH NEW  
FACILITY TO COMBINE  
THREE FACILITIES IN  
DONGGUAN IN YEAR 2010*







## ***FUTURE INVESTMENT PLAN IN CHANGJIANG RIVER DELTA***

### **KUNSHAN FACTORY**

- ◆ *60,000 Square meters of land ready for industrial propose*
- ◆ *30 minutes to Shanghai by car or train*
- ◆ *45 KM to Shanghai HongQiao International Airport*
- ◆ *100 KM to Shanghai Pudong International Airport*
- ◆ *Perfect supply Chain*
- ◆ *Will be launched in the first half of Year 2011*
- ◆ *Combined in-house facilities to provide one-stop solutions*
- ◆ *Estimated investment is about RMB100M*

***MANY THANKS!***

**Sunstrong International Industrial Ltd.**