Welcome to VCELL POWER CO.,LIMITED

孚赛能源科技有限公司
VCELL POWER CO.,LIMITED

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COMPANY PROFILE





Establishment Time: 2001

Company Type：Joint venture

Total Staff：About 1000

Business Model：ODM/OEM Manufacurer

Main Product：**LiFePo4、Li-Polymer, Li-ion and NI-MH&NI-CD Battery**

Workshop Area：30000㎡

Location: GuangDong, ShanDong, HeNan, JiangXi

COMPANY HISTORY

2001.10(HanNan Facility)

VCELL founded to produce NI-MH and NI-CD Battery

2003.6(JiangXi Facility)

Start to produce cylindrical lithium battery

2004.7(GuaangDong Facility)

Prismatic lithium polymer battery production line was set up

2007.12(ShanDong Facility)

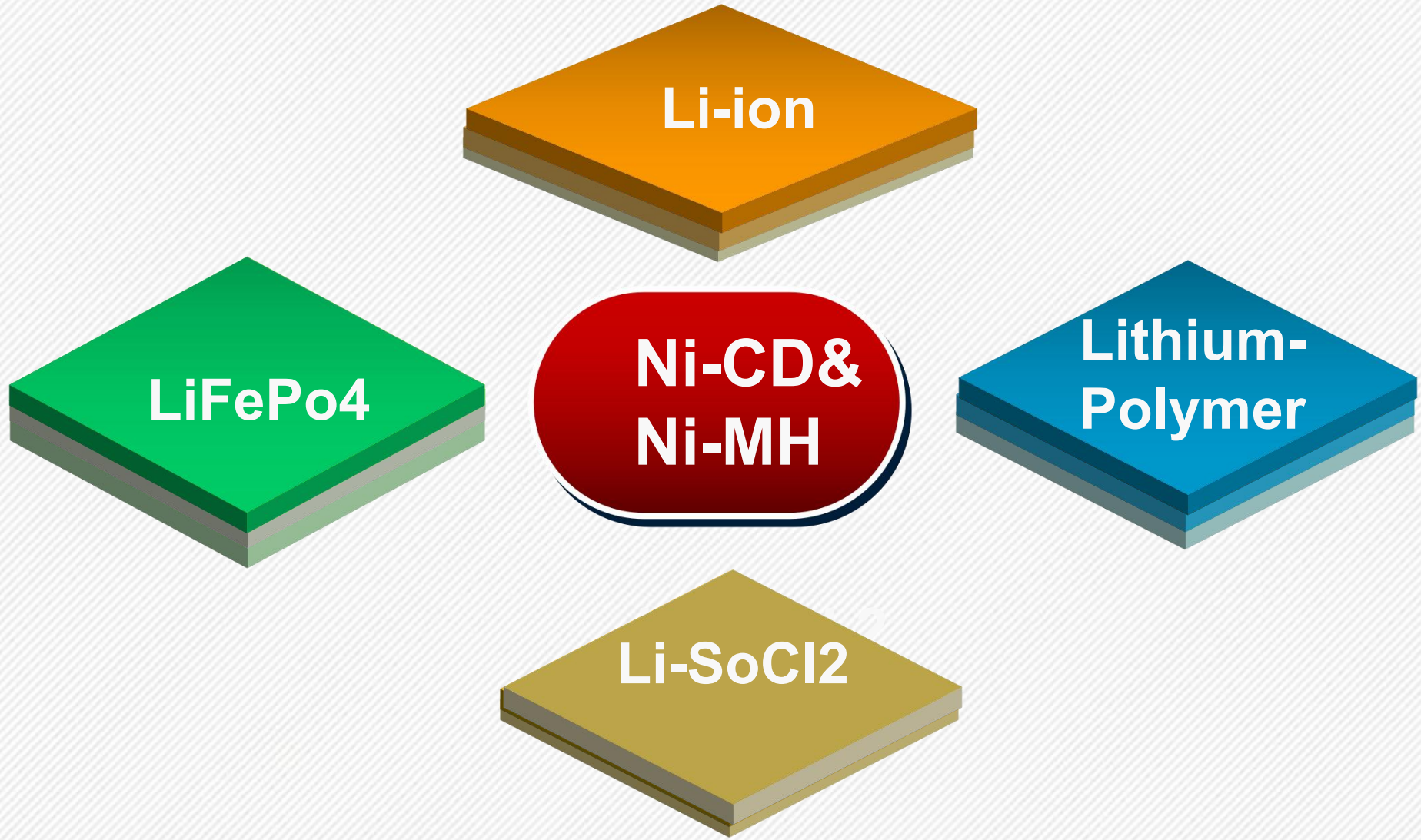
Start to develop and produce lithium iron phosphate battery

2014.2(ShenZhen Office)

Open ShenZhen International Sales Office



PRODUCT&MARKETING



LiFePO4 Battery



- Nominal Voltage: 3.2V
- Power Density: 90-200Wh/Kg
- Cycle Life: >2000
- Operate Temperture: -20-80℃
- Typical Model: IFR18650 1500-1800mAH
- IFR26650 3000-3800mAh
- IFR32700 6000mAh
- Application: Solar Street Light, Solar Security Camera, UPS&Telecom, Energy Storage, Electric Vehicles,

Battery Pack: 12V/24V/48V/72V/96V/512V

Li-Polymer Battery



Nominal Voltage: 3.7V

Power Density: 100-265W/Kg

Cycle Life: >700

Operate Temperture: -40-75℃

(low temperture type and high temperature type)

Size: Prismastic

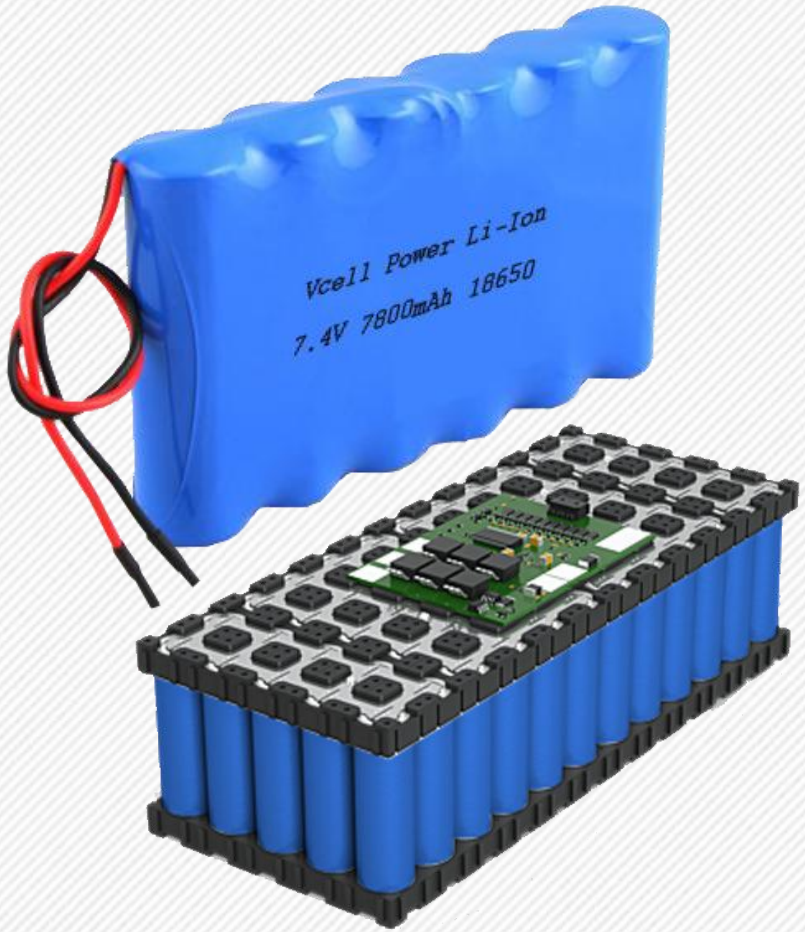
Advantage: Flexibe dimension, light weight

Application: wearable/electronics device

Battery Pack: 7.4V/11.1V

Size of Lithium-polymer battery can be custom made, we have the advantage making special Li-Po battery such as extremely thin Li-Po battery (1.5mm), high-temperature Li-Po battery,low-temperature Li-Po battery, special shape Li-Po battery (round)

Li-ion Battery



- Nominal Voltage: 3.6V/3.7V
- Power Density: 100-265Wh/Kg
- Cycle Life: >500
- Discharge Cut-Off Voltage:2.75V
- End Of Charge Voltage: 4.2V
- Operate Temperture: -20-60℃
- Typical Model: INR14500,INR18650, INR21700
- Application: Electronics Device,Energy Storage, Electric Vehicles

Our Power type INR18650, INR21700 is widely used for energy storage system and EV, such as 12V, 24V, 48V ,72V battery pack, which is a cost-efficient solution compared to expensive lifepo4 battery.

Ni-MH&CD Battery



- Nominal Voltage: 1.2V
- Power Density: 60-120Wh/Kg(NIMH)
  40-60Wh/Kg(NICD)
- Cycle Life: >500
- Discharge Cut-Off Voltage:1.0V
- End Of Charge Voltage: 1.5V
- Operate Temperture: -20-80℃
- Typical Model: AA,AAA,SC,C,D,F
- Application: Power Tools, Emergency Lighting

We have full models such as AAA， AA, SC, C, D size (including kinds of capacity for each size)

Li-SoCL2 Battery



- Nominal Voltage: 3.6V
- Voltage Limits: 2.0-3.6V
- Specific Energy: Up To 650Wh/kg
- Energy Density: Up To 1280Wh/L
- Time Durability: >10 Years
- Reharge: No
- Operate Temperture: -40-80℃
- Self Discharge Rate: <1%/Month
- Application: Gas meter, Water meter,Medical Device, Caculator

Application

01



Golf Cart

02



Electric Motorcycle

03



Solar Street Light

04



Power Tool

05



Telecom

06



UPS

Application



Camara

GPS



Tablet，Laptop。
Telphone

Watch



Power Bank

Blueth Earphone



Audio

Remote Plane









Sale Network



全球销售网络图
Global sale network chart

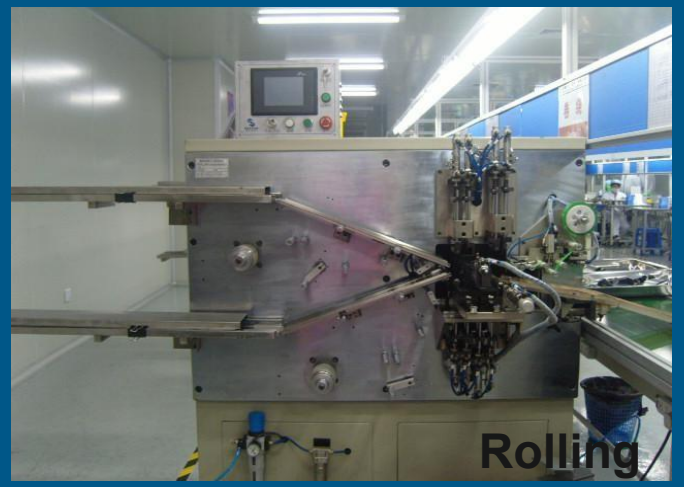
PRODUCTION FACILITY


Coating


Twin rollers


Slitting


Sheet Making


Rolling


Side Sealing

Slitting

TESTING&QUALITY









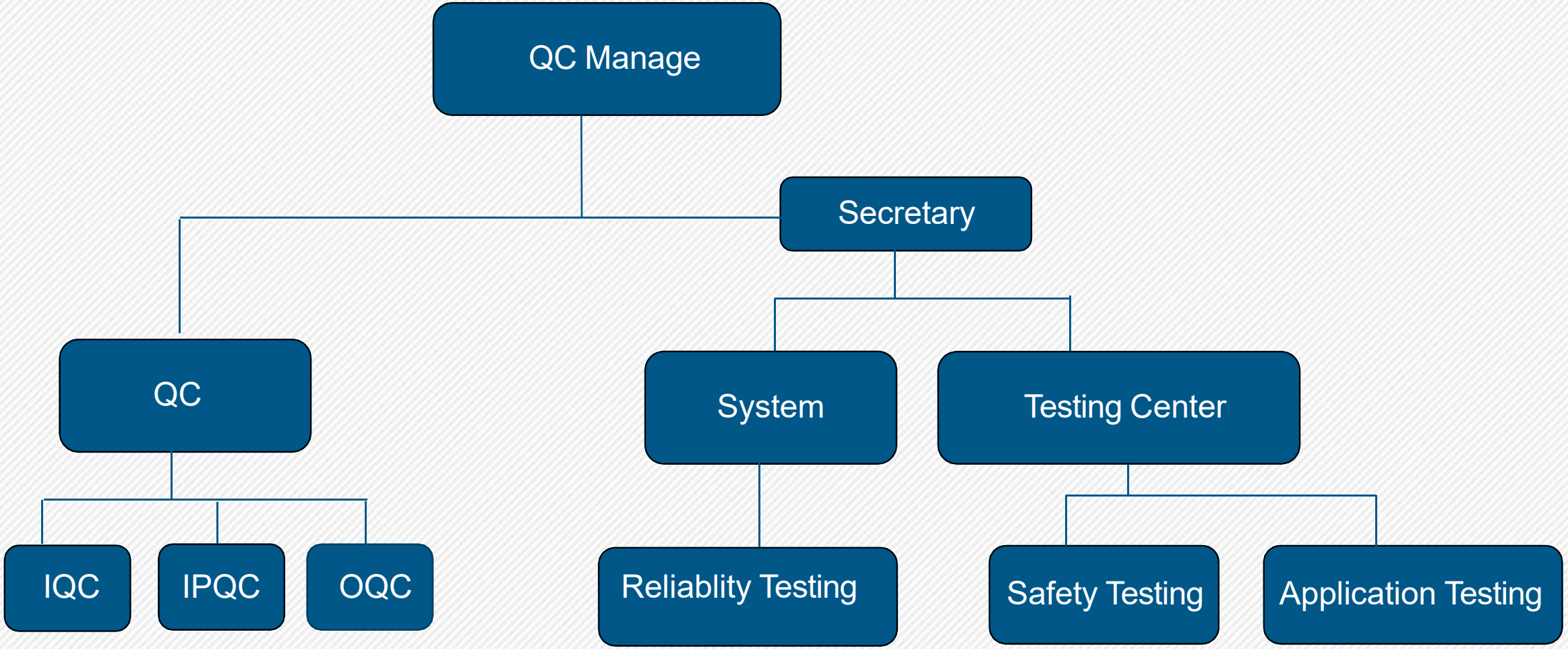






We have our own testing center, which can finish the battery reliablity testing such as short circuit, fire, over charge, heat shock etc...

Quality Management Structure



Certification



UN38.3, MSDS, IEC62133, CE, RoHS, UL, ISO9001

Our Service

OEM Service

1>Customized battery voltage and capacity.

2>Customized battery size/case,plastic case,PVC,metal case.

3>Customized BMS, over voltage/current protection, communication protocol RS485/232, CAN

4>Customized customer Logo/Label.

Battery Cell Design, Battery Pack Solution

FUTURE PIANNING



Continue to develop new green energy technology

Provide customers with the best quality service

Become a leader in the areas of new energy

THANK YOU

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