



**WELCOME TO SEBANG
GLOBAL BATTERY.**

SEBANG GLOBAL BATTERY CO.,

www.gbattery.com/

COMPANY PROFILE

History

- Sep 1952 Founded as R&D center of the Korea Navy
- Jan 1965 KS certified as the first in Korean battery industry
- May 1969 Secured technical tie-up with **GS Battery** in Japan
- Apr 1975 Capital invested from **Yuasa Battery** in Japan

- '70~'80 Absorbing the Japanese technology.
-
- Nov 1983 **KS** certified for entire line of products
- Jul 1988 Secured technical tie-up with **Hagen** in Germany
- Nov 1989 Opened KwangJu plant for automotive battery
- Oct 1992 Secured technical tie-up with **SAFT** in France
- '80~'90 Absorbing the European Technology

- Jan 1993 **ISO 9002** certified **first** battery maker in Asian countries.
- Apr 1994 ChangWon (industrial) plant and KwangJu (Automotive) plant
- **ISO9001** certified by DNV QA

- '90~2000 Build the Quality system

- Oct 1997 KwangJu plant **QS 9000** certified by DNV QA
- Nov 2000 KwangJu plant **ISO 14001** certified by DNV QA
- Dec 2003 KwangJu Plant **ISO/TS 16949** certified by KFQ
- 2005 New name to Sebang Global Battery Co., Ltd
- 2011 Exporting 500M USD



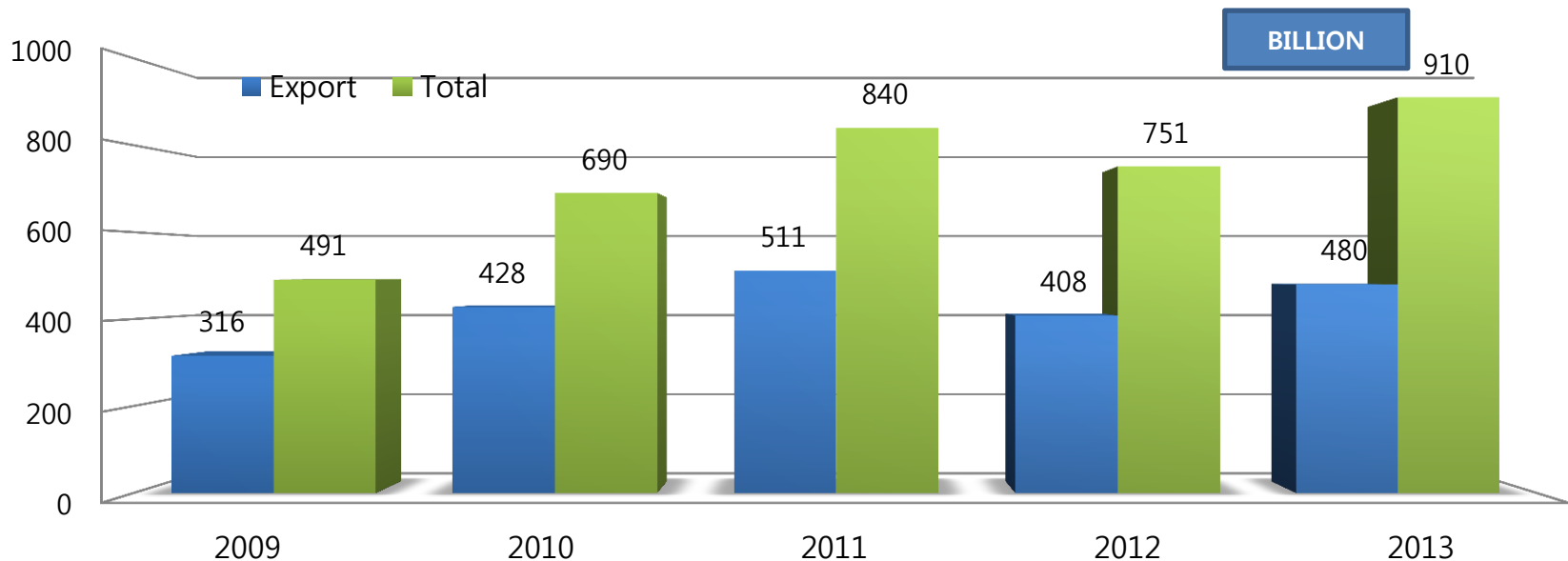
FINANCIAL INFORMATION

- Paid in capital: USD 7.7M
- Listed Korea Stock Market
 - Total stocks: 14,000,000
 - Major stock holders
 - SEBANG GLOBAL GROUP: 34%
 - GSYUASA INTERNATIONAL: 16%
 - PUBLIC: 50%



MAIN FIGURES

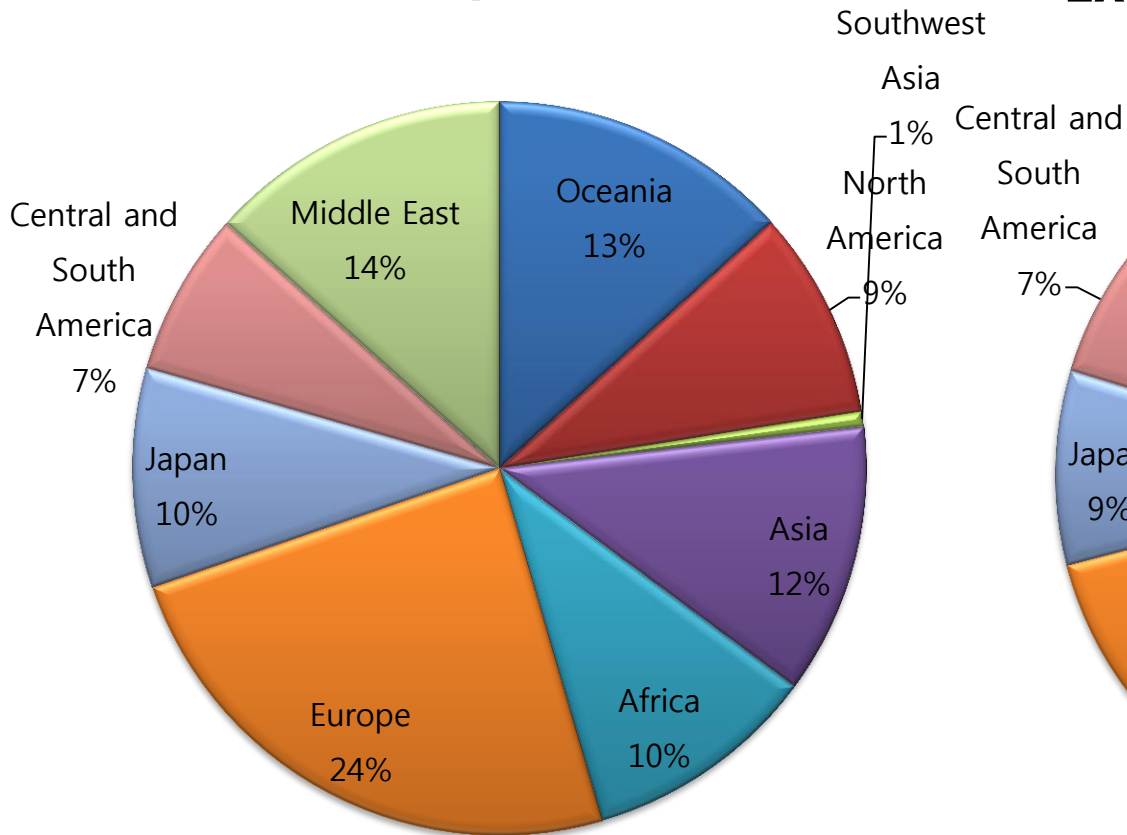
	Kwangju - Automotive	Changwon – Industrial
Production Capacity	17M batteries	2.5M batteries
Employee (direct)	351 (274)	311(216)
Land m ²	65,695	92,424
Building m ²	33,264	42,671



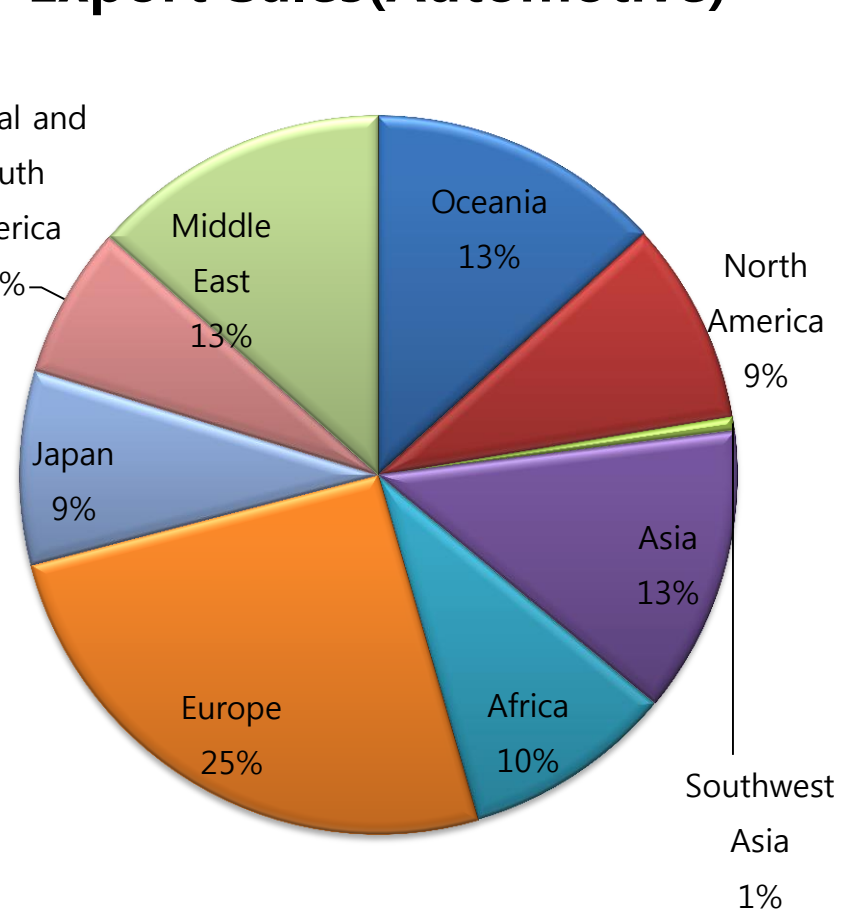
PLACE OF BUSINESS



Total Export Sales



Export Sales(Automotive)



Quality Management System

Environment Management System

Quality Management System

Electricity Industry Technology Standard



<ISO9001>



<ISO14001>



<TS16949 >



<KEPIC>

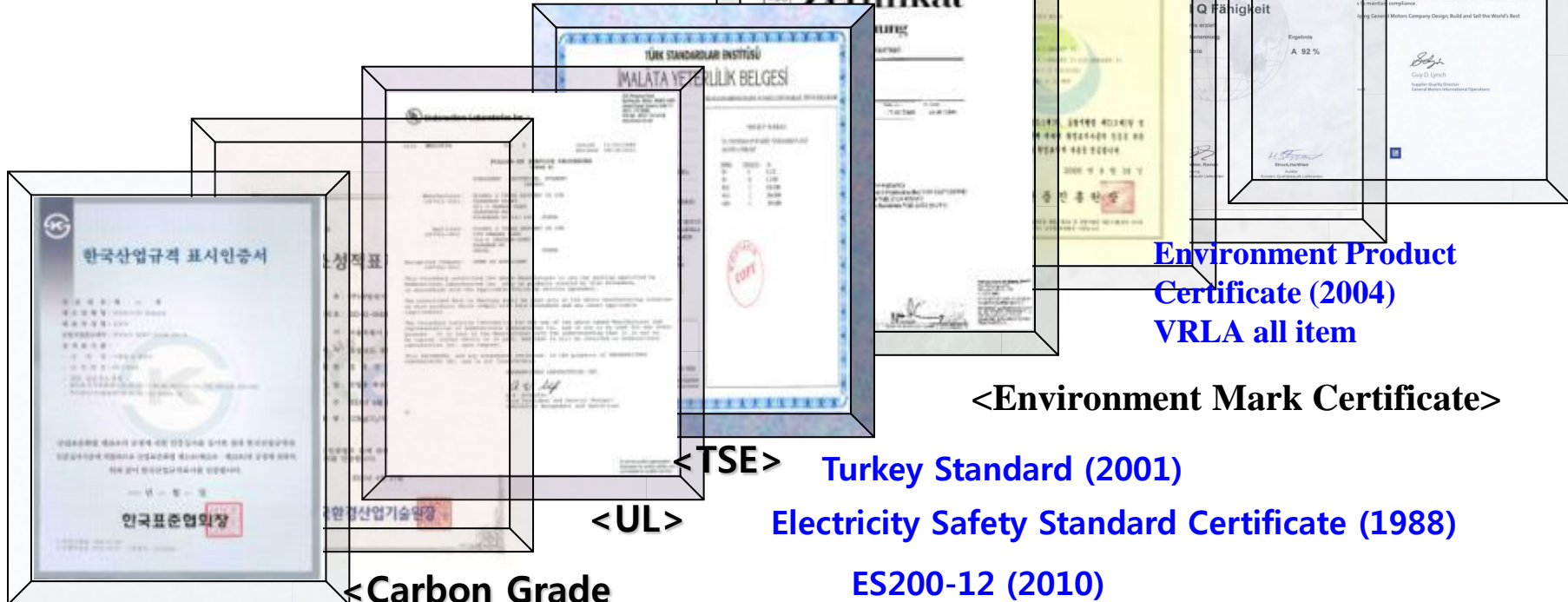
- ISO9001 : Initial Certificate in Asia Area Manufacturer(Year of 1994 -D.N.V)_Renewal in 2009
- ISO14001 : Certified in Changwon Plant (Renewal in 2009)
- KEPIC : Nuclear Power Plant Quality Warranty Certificate(Renewal in 2009)
- ISO/TS 16949 : Certified(2011)

GM QSB Green Grade Certificate(2012)

Volkswagan A Grade Certificate(2012)

Eco-Friendly Product Certificate (2000)<Environment>

<VdS 1997>



**Environment Product
Certificate (2004)
VRLA all item**

<Environment Mark Certificate>

<TSE> Turkey Standard (2001)

Electricity Safety Standard Certificate (1988)

ES200-12 (2010)

**<Carbon Grade
Indication Certificate>**

<KS >

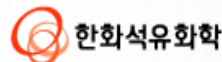
Industrial

Main power of country industries and
Helps for Defense industries
“ROCKET Battery”

Telecommunication



Public Corporation



Electronics



Industrial

Main power of country industries and
Helps for Defense industries
“ROCKET Battery”

Semi-Conductor

SAMSUNG

hynix
Semiconductor

Dongbu HiTek Semiconductor

HANWHA S&C

Railroad/Subway

KORAIL

Busan
Transportation Corporation서울특별시지하철공사
Seoul Metropolitan Subway CorporationDTRO
Daegu Metropolitan
Transit CorporationSeoul Metro
서울메트로

Gwangju Metro

KORail network
KOREA RAIL NETWORK AUTHORITY

DJET

Stock & Finance Company

true friend Korea Investment
& Securities Co., Ltd.

wooribank

KEB

WOORI
INVESTMENT & SECURITIES

SHINHAN BANK

KB

MIRAE ASSET

citi

IBK

KIWOOM

우정사업본부
KOREA POST

하나은행

Automotive

Car big three, undoubtedly in car
inspection & insurance company
Proven quality **"ROCKET Battery"**

Automotive Corporate



Auto-Repair Shop



Car Insurance Call Service



MAIN PRODUCT ITEM / (1) AUTOMOTIVE BATTERY

Automotive
BatteryManufactured
in Changwon
plant

“Standard of Automotive battery!

GB Series”

“Power up of LPG vehicles!

LPG Series”

“Best Choice for RV vehicles!

VIVA Series”

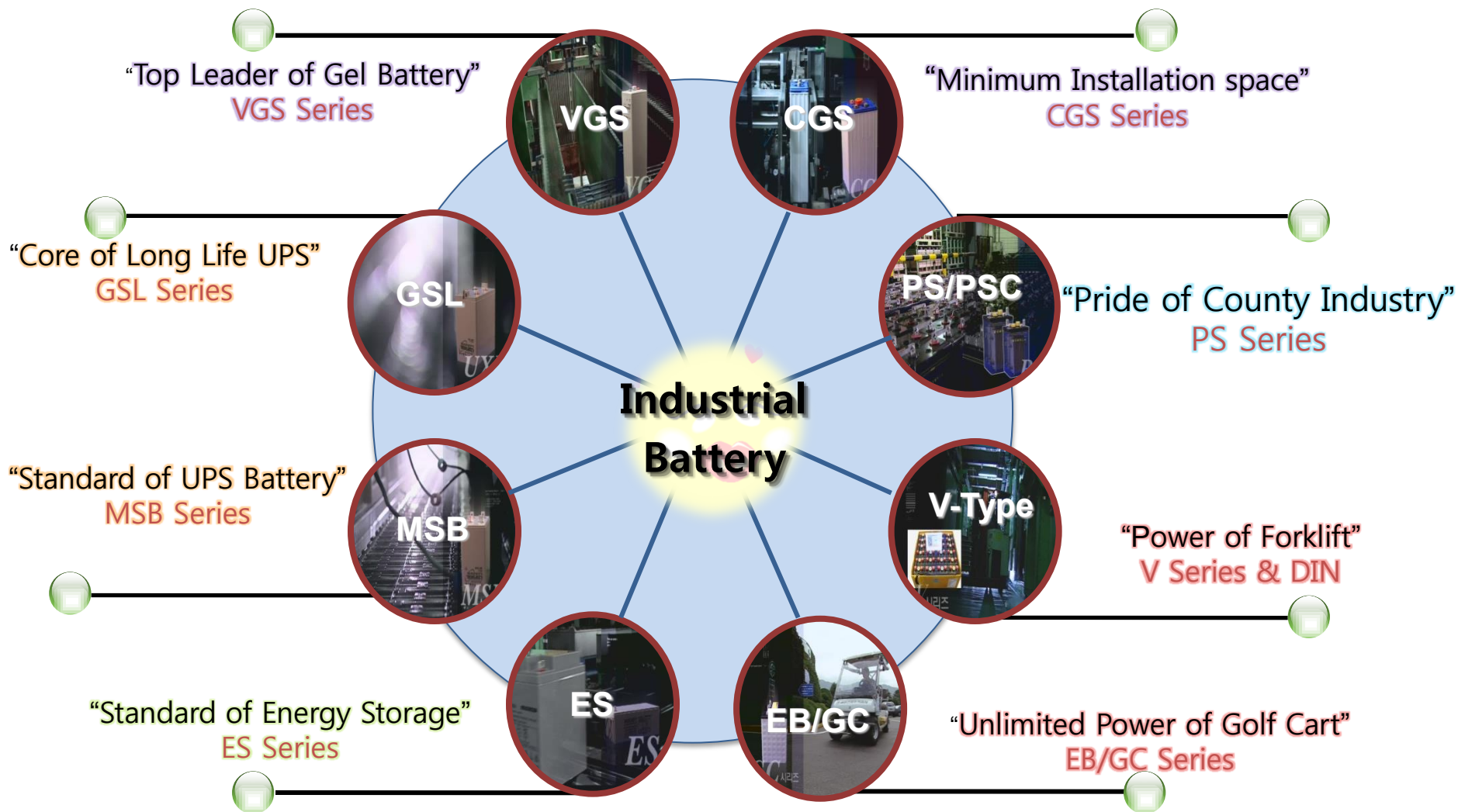
“ Choice of professional for Taxi !

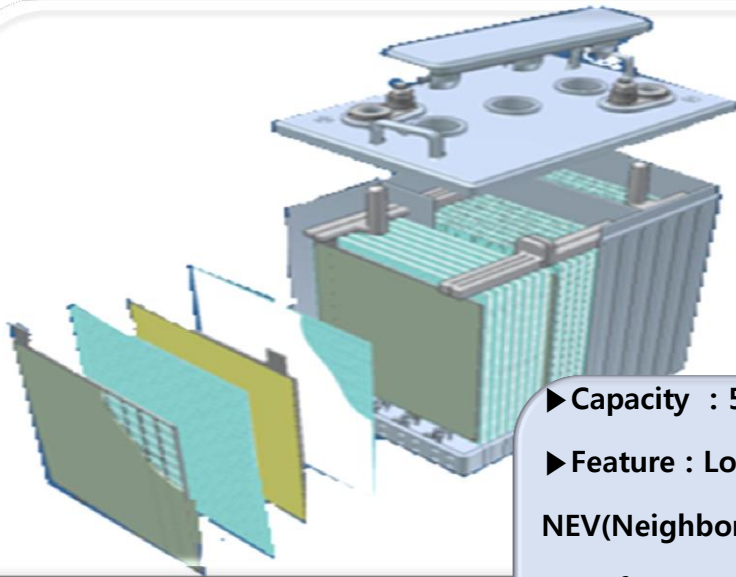
Taxi Series”“Unlimited Power of freight and
Heavy equipment!**PT Series”**“ **Micro hybrid vehicles and
ISG system!****AGM Series”**



- ▶ Capacity : 400,000 pcs/year
- ▶ Feature : VRLA Sealed Automatic Battery, ISG system
- ▶ Performance: Over 360N(DOD50%)
- ▶ Customer : VW , Hyundai-KIA, GM(Test going on), BMW





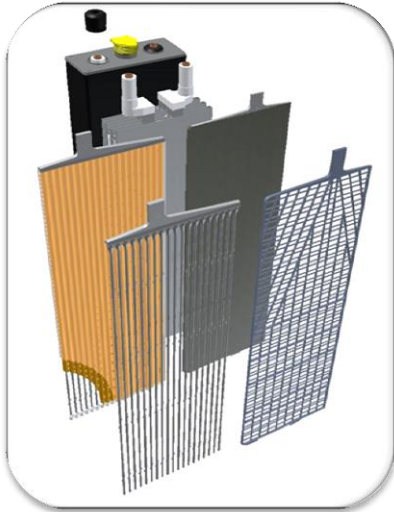


- ▶ Capacity : 540,000pcs/year
- ▶ Feature : Long life Deep cycle for NEV(Neighborhood Electric vehicle).
- ▶ Performance : Over 400N.(DOD 75%)
- ▶ Customer : CT&T, Club-Car, Sanyo, YAMAHA



CT&T의 전기자동차





- ▶ Capacity : 650,000pcs/year
- ▶ Feature : Long life fork lift .
DIN / BS Type .
- ▶ Performance : Over1500N.(DOD 75%)
- ▶ Customer : Doosan, Clark, Hyundai,
Asia, Europe



Small Sealed VRLA Battery(Emergency Light, Fire Alarm and Security System, Medical Appliance, Computer, UPS, Communication Equipment)

Standby for Equipment, Train and Diesel Locomotive



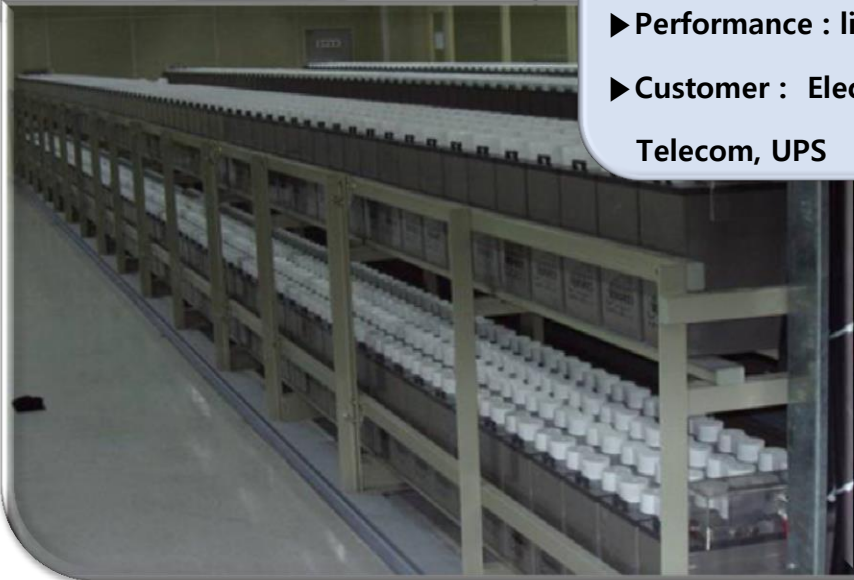


- ▶ Capacity : 100,000cell/year
- ▶ Feature : 2V VRLA AGM type(Semi-GEL)
- ▶ Performance : life 5~7year /25°C.
- ▶ Customer : Samsung Electronic, Telecom, UPS





- Capacity : 120,000pcs/year
- Feature : 2V Long Life VRLA
AGM type(Semi-GEL) .
- Performance : life 10year /25°C.
- Customer : Electric power(Japan),
Telecom, UPS



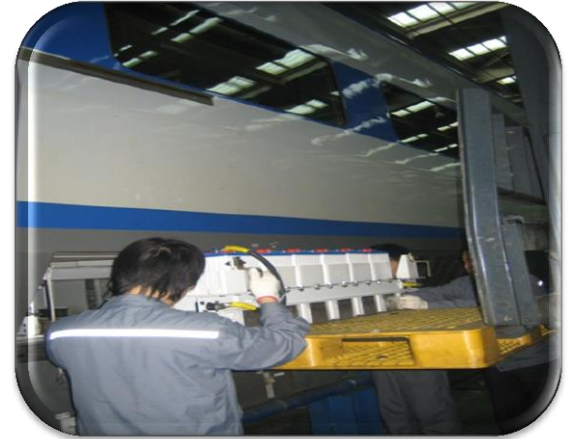


- ▶ Capacity : 50,000pcs/year
- ▶ Feature : Long life TUBULAR GEL VRLA type .
- ▶ Performance : Life 14year /20°C.
- ▶ Customer : Telecom, Power plant, Renewable Energy





- ▶ Capacity : 30,000pcs/year
- ▶ Feature : Long life PASTED, Position Free, GEL VRLA type .
- ▶ Performance : Life 14year /20°C.
- ▶ Customer : Telecom, Power Plant, KTX





- ▶ Capacity : 30,000pcs/year
- ▶ Feature : Long life TUBULAR Flooded type .
- ▶ Performance : Life 15year /25°C.
- ▶ Customer : Telecom, Nuclear Power plant, Renewable energy



SAFETY INSTRUCTION

The Employee of Sebang Global Battery Co.,

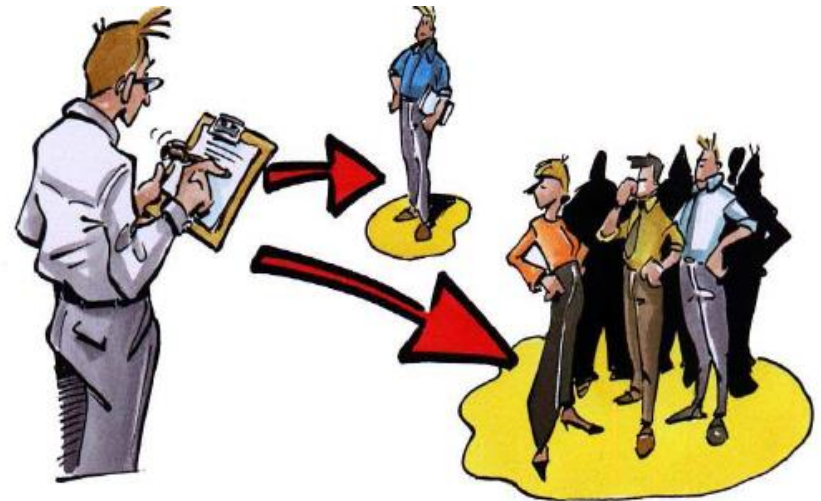
Welcome you to the Changwon Plant.

We wish you a pleasant and safe visit during the plant tour.

Your safety is our first priority, therefore we would like to bring your attention to a few safety instructions. Please follow these instructions at this plant!

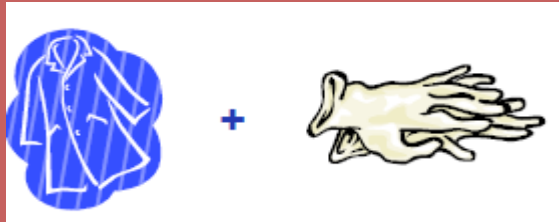


Please stay near by your group supervisor during the whole visit.



SAFETY INSTRUCTION

It is an obligation to wear a protective coat, one way gloves.



Keep your distance and do not touch raw materials, machines and equipment !



Pay attention and stay on signed pedestrian paths or on the edge of traffic ways.



Stop at every crossroads and look in both directions before crossing!



Please wash your hands thoroughly after the plant tour.



SAFETY INSTRUCTION

At the Changwon plant **smoking** is only allowed within the signed areas.

Alcohol and photography is strictly forbidden!

No recording of process and process parameters !



THANK YOU