

Certificate Number : QMS-3428

# CERTIFICATE OF REGISTRATION

## KOREA BATTERY Co., Ltd.

134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do, Korea.

SBC Registrar certify that  
the Quality Management System of the above organization  
has been assessed and found to be in accordance  
with the requirements of the scope of supply detailed below.

### *Standards*

**KS Q ISO 9001:2015 / ISO 9001:2015**

### *Scope of Supply*

The Design·Development, Manufacture, Installation and Servicing of  
Sealed Lead Acid Battery

*Initial Registration Date : 2015. 10. 02*

*Expire Date : 2021. 12. 01*

*Issue Date : 2020. 04. 13*

This certificate has been re-issued to the change of company name



CEO & President



KAB-QC-09

*Kim Guang Jae*



is the accreditation mark indicating that the certification body has been accredited by the KAB for granting certification to organizations to the ISO 9001 (Accreditation number : KAB-QC-09)  
Accredited by Member of the International Accreditation Forum Multilateral Recognition Arrangement for Quality Management System

Certificate Number : EMS-1216

# CERTIFICATE OF REGISTRATION

## KOREA BATTERY Co., Ltd.

134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do, Korea.

SBC Registrar certify that  
the Environmental Management System of the above organization  
has been assessed and found to be in accordance  
with the requirements of the scope of supply detailed below.

### *Standards*

**KS I ISO 14001:2015 / ISO 14001:2015**

### *Scope of Supply*

The Design·Development, Manufacture, Installation and Servicing of  
Sealed Lead Acid Battery

Initial Registration Date : 2015. 10. 02

Expire Date : 2021. 12. 01

Issue Date : 2020. 04. 13

This certificate has been re-issued to the change of company name



CEO & President



KAB-EC-12

*Kim Guang Jae*



is the accreditation mark indicating that the certification body has been accredited by the KAB for granting certification to organizations to the ISO 14001 (Accreditation number : KAB-EC-12)  
Accredited by Member of the International Accreditation Forum Multilateral Recognition Arrangement for Environmental Management System

Certificate Number : OHS-0086

# CERTIFICATE OF REGISTRATION

## KOREA BATTERY Co., Ltd.

134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do, Korea.

SBC Registrar certify that the Occupational Health and Safety Management System of the above organization has been assessed and found to be in accordance with the requirements of the standards and scope of certification detailed below.

### *Standards*

**KS Q ISO 45001:2018 / ISO 45001:2018**

### *Scope of Supply*

The Design·Development, Manufacture and Installation of  
Sealed Lead Acid Battery

*Initial Registration Date : 2019. 10. 11*

*Expire Date : 2024. 01. 02*

*Issue Date : 2020. 11. 06*



CEO & President



KAB-OC-16

*Kim Guang Jae*



is the accreditation mark indicating that the certification body has been accredited by the KAB for granting certification to organizations to the ISO 45001 (Accreditation number : KAB-OC-16)



## STATEMENT OF COMPLIANCE

**Product:** LEAD ACID BATTERY

**Applicant:** KOREA BATTERY CO., LTD.  
134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do,  
Korea

**Manufactured at (name and place)** KOREA BATTERY CO., LTD.  
134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do,  
Korea

**Trade mark (if any):**



**Model/Type Ref:** SG1000H, SG650H, SG800H, SG1200H(C20)

**Ratings and principal characteristics:** DC 12 V

**Additional information (if any) :** See the model description at clause 1.3 in the test report.

The above-mentioned product(s) has (have) been found to be in compliance with:

EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011/AC2012

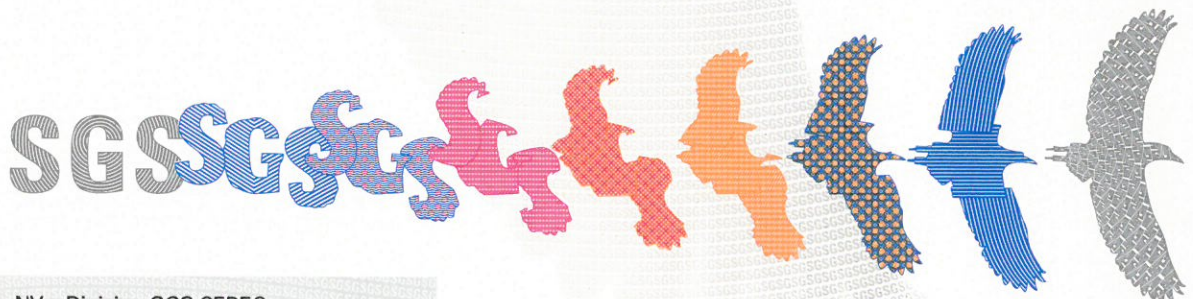
as shown in the test report(s) F690501-RF-EMH001458

This Statement of Compliance is the result of the evaluation of the test reports and related product(s) information, in accordance with the provisions of the relevant specific standard(s). It does not imply an assessment of the whole production. Compliance of the produced products with the certified specimen remains on the full responsibility of the manufacturer.

Brussels, 04/08/2021

A blue ink signature of Carl Lee, written in a cursive style.

Carl Lee,  
Certification Manager.






## STATEMENT OF COMPLIANCE

**Product:** LEAD ACID BATTERY

**Applicant:** KOREA BATTERY CO., LTD.  
134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do,  
Korea

**Manufactured at (name and place)** KOREA BATTERY CO., LTD.  
134, 1gongdan-ro 6-gil, Gumi-si, Gyeongsangbuk-do,  
Korea

**Trade mark (if any):** 

**Model/Type Ref:** SG2000H, SG1200H, SG1500H

**Ratings and principal characteristics:** DC 12 V

**Additional information (if any) :** See the model description at clause 1.3 in the test report.

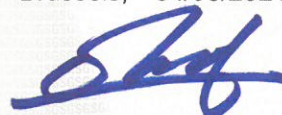
The above-mentioned product(s) has (have) been found to be in compliance with:

EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011/AC2012

as shown in the test report(s) F690501-RF-EMH001459

This Statement of Compliance is the result of the evaluation of the test reports and related product(s) information, in accordance with the provisions of the relevant specific standard(s). It does not imply an assessment of the whole production. Compliance of the produced products with the certified specimen remains on the full responsibility of the manufacturer.

Brussels, 04/08/2021



Carl Lee,  
Certification Manager.





# PRODUCT CERTIFICATE

1. Manufacturer : KOREA BATTERY CO., LTD.
2. President : Tae-Kyung, Kim
3. Address : 134, 1Gongdan-ro 6-gil, Gumi-si, Kyeongsangbuk-do, Republic of Korea
4. Product
  - A. Standard Name : Stationary sealed lead-acid batteries(valve regulated types)
  - B. Standard No : KS C 8518
  - C. Types, grades or designation
    - HSB-30-12 ~ HSB-200-12(Ah)
    - MSB-100 ~ MSB-2000(Ah)
    - MSBS-150 ~ MSBS-2000(Ah)

As the result of the certification audit according to Article 17(1) of Industrial Standardization Act conforms to the audit criteria, this is to certify that the conformity to Korean Industrial Standard(KS) in accordance to the Article 15 of Industrial Standardization Act and Article 10(1) of enforcement regulations of Industrial Standardization Act.



Apr. 06, 2020

**Korea Testing Certification**



1. Initial certification date : Sep. 29, 2010(Certificate No. 10-0528)
2. Final revision date : Apr. 06, 2020



## Stationary sealed lead-acid batteries(valve regulated types)

**Preface** This standard is based on IEC 60896-21, Stationary lead-acid batteries – General requirements and methods of tests – Part 21: Valve regulated types, through direct translation of the above IEC standard without any modification of the technical contents and contains additional safety clauses that are unclassified by the international standard to complete Korean Industrial Standard\*.

\*Annotation - *KS C 8518 is in whole identical to IEC 60896 with additional clauses added to supplement the standard.*

- 1. Application Range** This Standard is applicable to stationary sealed lead acid batteries(valve regulated types) that is used in series current and load.

Remark: The international standard that corresponds to this standard is as follows:

**IEC60896-21** Stationary lead-acid batteries-General requirements and methods of test – Part 2: Valve regulated types

- 2. Quoted Standard** The application of the following standards is mandatory. If the date of the standard is not mentioned, always the latest version is applicable  
**KS C IEC 60707** Combustibility when exposed to flame – Test methods listed  
**KS C IEC 60896-22\_2006** Stationary lead-acid batteries – VRLA type  
**KS C IEC 61430 : 2003** Lead acid batteries designed to reduce risk of explosion  
**KS M ISO 1043-1** Plastic – Symbols and abbreviation.  
**IEC 60068-2-32 : 1975** Basic environment testing procedures –Part 2: Test; Test Ed : Free fall Amendment 2(1990)  
**IEC 60695-11-10** Fire Hazard testing – Part 11-10: Test flames – 50W horizontal and vertical flame test methods  
**IEC 60950-1 : 2001** Information technology equipment – Safety – Part 1 : General requirements

- 3. Definition** The following definitions are applied to this standard



# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH16651  
**Report Reference** MH16651-19910703  
**Issue Date** 2020-MARCH-25

**Issued to:** KOREA BATTERY CO LTD  
134, 1gongdan-ro 6-gil  
Gumi-si Gyeongsangbuk-do 39373 KOREA

**This certificate confirms that  
representative samples of**

COMPONENT - BATTERIES, STANDBY  
SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:**  
**Additional Information:**

UL 1989 Standard for Safety For Standby Batteries  
See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations>





# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH16651  
**Report Reference** MH16651-19910703  
**Issue Date** 2020-MARCH-25

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

Component - Sealed cell, lead-acid secondary batteries Models FNC 610, FNC 612, FNC 640, FNC 645, FNC 650, FNC 660, FNC 670, FNC 695, FNC 6100, FNC 6120, FNC 1212, FNC 1219, FNC 1220, FNC 1230, FNC 1240, FNC 1245, FNC 1265, FNC 1270, FNC 1272, FNC 12120, FNC 12150, FNC 12170, FNC 12210, FNC 12190, FNC 12240, FNC 12260, FNC 12310, FNC 12340, FNC 12350, FNC 12400, FNC 12420, FNC 12650, FNC 12800, FNC 121000, FNC 121200, FNC 121500, and FNC 122000; PNB 610, PNB 612, PNB 640, PNB 645, PNB 650, PNB 660, PNB 670, PNB 695, PNB 6100, PNB 6120, PNB 1212, PNB 1219, PNB 1220, PNB 1230, PNB 1240, PNB 1245, PNB 1265, PNB 1270, PNB 1272, PNB 12120, PNB 12150, PNB 12170, PNB 12210, PNB 12190, PNB 12180, PNB 12240, PNB 12260, PNB 12310, PNB 12300, PNB 12340, PNB 12350, PNB 12400, PNB 12420, PNB 12650, PNB 12650S, PNB 12800, PNB 12700, PNB 121000, PNB 121000H, PNB 121000S, PNB 121200, PNB121200H, PNB121200S, PNB 121500, and PNB 122000; PNGB 12800, PNGB 121000, PNGB 121200, PNGB 121500, PNGB 122000, PNC 610, PNC 612, PNC 640, PNC 645, PNC 650, PNC 660, PNC 670, PNC 695, PNC 6100, PNC 6120, PNC 1212, PNC 1219, PNC 1220, PNC 1230, PNC 1240, PNC 1245, PNC 1265, PNC 1270, PNC 1272, PNC 12120, PNC 12150, PNC 12170, PNC 12210, PNC 12190, PNC 12240, PNC 12260, PNC 12310, PNC 12340, PNC 12350, PNC 12400, PNC 12420, PNC 12650, PNC 12800, PNC 121000, PNC 121200, PNC 121500, and PNC 122000; SG 800H, SG 1000H, SG 1200H, SG 1500H and SG 2000H.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH16651  
**Report Reference** MH16651-20170113  
**Issue Date** 2020-MARCH-25

**Issued to:** KOREA BATTERY CO LTD  
134, 1gongdan-ro 6-gil  
Gumi-si Gyeongsangbuk-do 39373 KOREA

**This certificate confirms that  
representative samples of**

COMPONENT - BATTERIES, STANDBY  
SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:**  
**Additional Information:**

UL1989 Standby Batteries  
See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH16651  
**Report Reference** MH16651-20170113  
**Issue Date** 2020-MARCH-25

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

Component – Valve regulated lead-acid battery, UPN series, Models UPN100, UPN150, UPN200, UPN250, UPN300, UPN400, UPN500, UPN600, UPN700, UPN800, UPN900, UPN1000, UPN1200, UPN1400, UPN1600, UPN1800 and UPN2000. PNGB series, Models PNGB21000, PNGB21500, PNGB22000, PNGB22500, PNGB23000, PNGB24000, PNGB25000, PNGB26000, PNGB27000, PNGB28000, PNGB29000, PNGB210000, PNGB212000, PNGB214000, PNGB216000, PNGB218000 and PNGB220000.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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## DECLARATION OF CONFORMITY

**Product Description** : Sealed Lead Acid Battery  
**Model No.** : SG650H, SG800H, SG 1000H, SG 1200H, SG 1500H, SG2000H  
**Applicant** : KOREA BATTERY CO.,LTD.  
**Address** : 134, Gongdanro 6gil, Gumi-city, Kyungbuk, Korea

**Test Laboratory** : SGS Korea Co., Ltd.  
**Test Report Number(s)** : F690501/RF-EMH001458, F690501/RF-EMH001459  
**Date of Test** : July 1, 2021 to July 7, 2021  
**Test Required** : EN 61000-6-2 :2005  
EN 61000-6-3:2007/A1:2011/AC:2012

**Test results** : Complied

### Conclusion

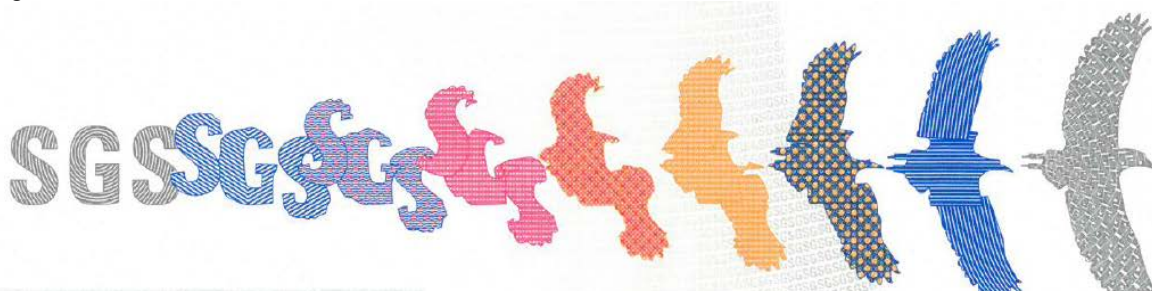
The apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2014/30/EU.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.



.....  
Tae Kyung Kim / KOREA BATTERY CO.,LTD.

2021-August-18.



## **DECLARATION OF RoHS CONFORMITY**

**Product Description** : Sealed Lead Acid Battery  
**Model No.** : SG650H, SG800H, SG 1000H, SG 1200H, SG1500H, SG 2000H  
**Applicant** : KOREA BATTERY CO.,LTD.  
**Address** : 134, Gongdanro 6gil, Gumi-city, Kyungbuk, Korea

**Test Laboratory** : SGS Korea Co., Ltd. (SGS File No. AYAA21-30263)  
**Test Report Number(s)** : F690101/LF-CTSAYAA21-30263  
**Date of Test** : June 24, 2021 to June 29, 2021  
**Test Parameter** : Directive 2006/66/EC articles 4(1)  
Directive 2006/66/EC Article 21  
**Test results** : PASS

### Conclusion

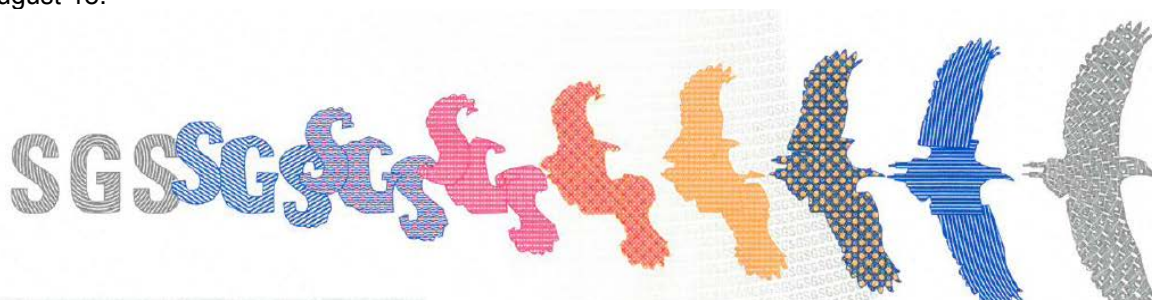
The apparatus meets the requirements of the above standards and hence fulfills the requirements of Directive 2006/66/EC-Heavy Metals Content in Batteries and Accumulators and Waste Batteries and Accumulators and Labeling.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.



.....  
Tae Kyung Kim / KOREA BATTERY CO.,LTD.

2021-August-18.



# CERTIFICATE OF KOREA ECO-LABEL



We hereby certify that the following products comply with the criteria set forth under the Support for Environmental Technology and Environmental Industry Act and are granted the right to use the Korea Eco-Label.

**PNGB 21000**

(refer to the annex for all certified products)

**KOREA BATTERY CO.,LTD.**

134, 1Gongdan-ro 6-gil, Gumi si, Gyengsangbuk-do, Korea

The products on the above are certified as Industrial Batteries(EL603)

Reduction of local environmental pollution

Certificate No. 24646

Issued on JULY 05, 2021  
Valid until JULY 04, 2024

JECHUL YOO, President

**KOREA ENVIRONMENTAL INDUSTRY &  
TECHNOLOGY INSTITUTE**



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Certificate No.24646

Model	Derivation Model	Use
PNGB 21000		Stationary sealed lead acid batteries(MSB)

PNGB 21200

PNGB 21500

PNGB 22000

PNGB 22500

PNGB 23000

PNGB 24000

PNGB 25000

PNGB 26000

PNGB 27000

PNGB 28000



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Certificate No.24646

Model	Derivation Model	Use
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PNGB 29000

PNGB 210000

PNGB 212000

PNGB 214000

PNGB 216000

PNGB 218000

PNGB 220000

UPN 150

Stationary sealed lead acid  
batteries(MSBS)

UPN 200

UPN 250

UPN 300

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Certificate No.24646

Model	Derivation Model	Use
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UPN 400

UPN 500

UPN 600

UPN 700

UPN 800

UPN 900

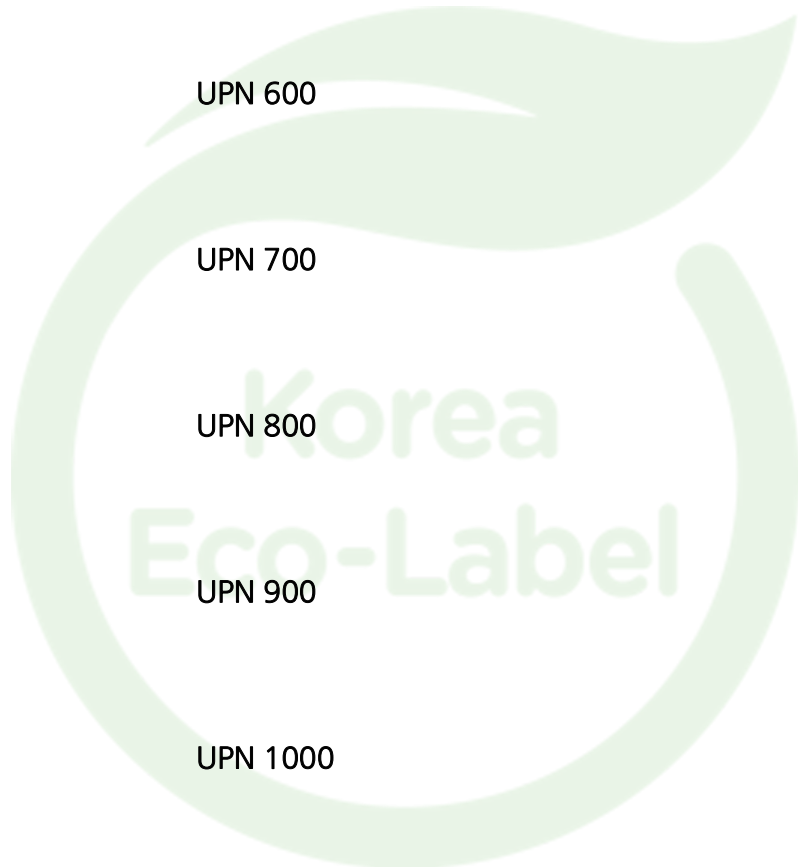
UPN 1000

UPN 1200

UPN 1400

UPN 1600

UPN 1800





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Certificate No.24646

Model	Derivation Model	Use
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UPN 2000

SG-600H

Stationary sealed lead acid  
batteries(HSB)

SG-1300H

SG-800H

SG-1000H

SG-1000S

SG-1200H

SG-1500H

SG-2000H

Korea  
Eco-Label