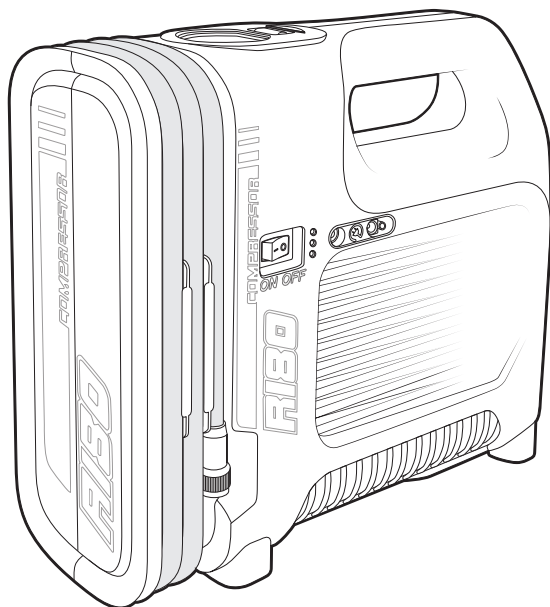


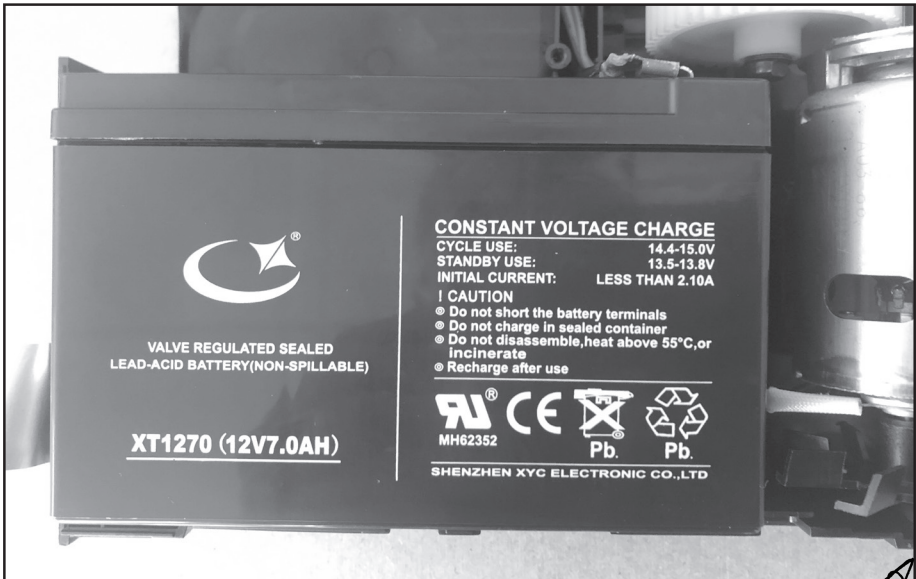
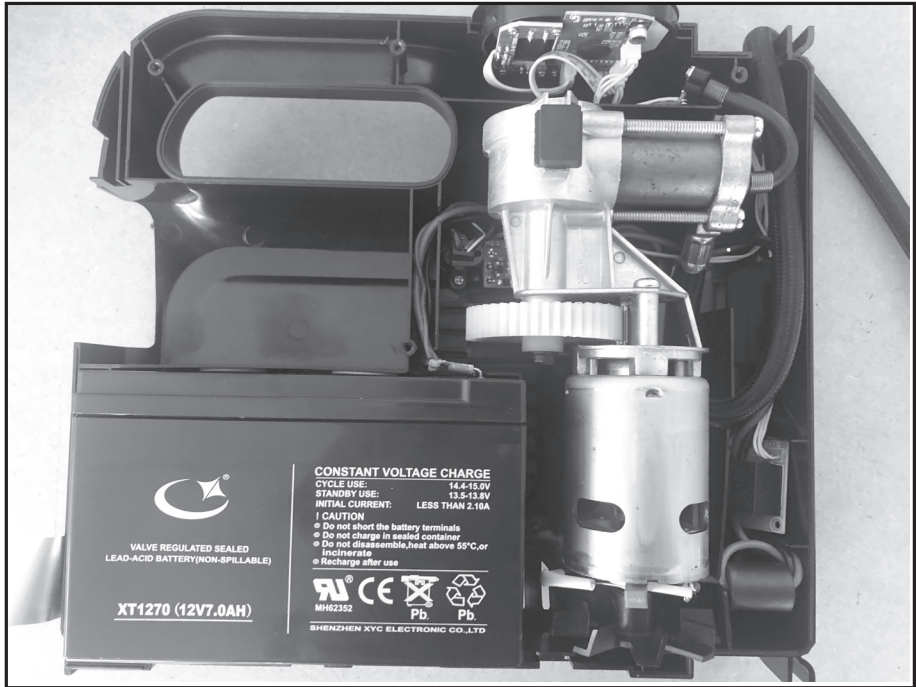
# **R180**

**BATTERIE INTERNE**  
**FICHE DE DONNÉES DE SÉCURITÉ**  
destinée au transport maritime et aérien

**INTERNAL BATTERY**  
**SAFETY DATA SHEET**  
intended for sea and air transport



# VUE INTERNE - INTERNAL VIEW



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# SHENZHEN XYC ELECTRONIC CO., LTD.

## SAFETY DATA SHEET

### Valve-Regulated Sealed Lead-Acid Battery XT1270(12V7.0Ah)

#### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Valve-Regulated Sealed Lead-Acid Battery **XT1270 (12V7.0Ah)**

Company: SHENZHEN XYC ELECTRONIC CO., LTD.

Address : Hefu Building,Fukan Industrial Park, Renming Road, Guanlan Town, Bao'an District,  
Shenzhen, China, 518110, P.R. China

Email: sales@xyc-battery.com

Fax: 86-755-22143719

Emergency Phone: +86-15976894615

SDS Date : **2020-03-6**

#### SECTION 2 HAZARDS IDENTIFICATION

Hazards Identification:

The battery has passed the vibration test, pressure differential test and leakage test at 55°C according to Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations (17th) SPECIAL PROVISION 238.

It is not restricted to IATA DGR according to special provision A67 and is not restricted to IMDG CODE according to special provision 238.

Emergency Overview:

The internal battery materials may cause severe irritation to eyes and skin. Cause burns.

#### SECTION 3 INFORMATION ON INGREDIENTS

Product name : Valve-Regulated Sealed Lead-Acid Battery **XT1270 (12V7.0Ah)**

COMPONENTS PERCENT OSHA ACGIH OTHER LIMITS CAS NUMBER

Hazardous Components PEL TLV

1% or greater

Carcinogens 0.01 % or greater

METALLIC METAL ALLOY 25.5% 0.05mg/m3 .05 mg/m3 NONE 7439-92-1

LEAD SULFATES 18.2% 0.05mg/m3 .05 mg/m3 NONE 7439-92-1

LEAD OXIDES 18.0% 0.05mg/m3 .05 mg/m3 NONE 7439-92-1

POLYPROPYLENE CASE MTL 6.4%

SEPARATORS 3.5%

SULFURIC ACID (H2SO4) 5.2% 1.0 mg/m3 1.0 mg/m3 NONE 7664-93-9

WATER 19.2%

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## SECTION 4 FIRST-AID MEASURES

### Skin Exposure :

If the internal battery materials of an opened battery cell come into contact with the skin, immediately flush with plenty of water for at least 15 minutes, Seek immediate medical attention,

### Eye Exposure :

In case of contact the electrolyte contained inside the battery with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek immediate medical attention.

### Inhalation Exposure :

If potential for exposure to mist or dusts occurs, remove immediately to fresh air and seek medical attention.

### Oral Exposure:

If swallowed the internal materials, do not induce vomiting, seek immediate medical attention.

## SECTION 5 FIRE FIGHTING MEASURES

### Extinguishing Media:

Suitable : Dry chemical, Sandy soil, Carbon dioxide or appropriate foam,

### Firefighting :

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards : Emit toxic fumes under fire conditions.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

If batteries show signs of leaking, avoid skin or eyes contact with the material leaking from the battery, Use chemical resistant rubber gloves and non-flammable absorbent materials for clean up. Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal.

## SECTION 7 HANDLING AND STORAGE

### Handling:

Keep away from ignition sources, heat and flame. Such batteries must be packed in inner packages in such a manner as to effectively prevent short circuits and to prevent movement which could lead to short circuits Avoid mechanical or electrical abuse and overcharge, More than a momentary short circuit will generally reduce the battery service life. Avoid reversing battery polarity within the battery assembly. In case of a battery unintentionally be crushed, acid resistant gloves must be used to handle all battery components, Avoid contact with eyes, skin,

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Avoid inhalation, No smoking at working site. Materials to Avoid : Strong oxidant, Combustible materials and Corrosives.

Storage:

Store in a cool, well-ventilated area, Keep away from ignition sources, heat and flame. Such batteries must be packed in inner packages in such a manner as to effectively prevent short circuits and to prevent movement which could lead to short circuits, Materials to Avoid : Strong oxidant, Combustible materials and Corrosives.

## SECTION 8 EXPOSURE CONTROL/PPE

Engineering Controls :

Use ventilation equipment if available, Safety shower and eye bath.

Personal Protective Equipment :

Respiratory : Wear government approved air-purifying respirator if needed.

Eye : Chemical safety glasses.

Clothing : Wear appropriate protective clothing.

Hand : Wear acids resistant gloves.

Other Protect :

No smoking, drinking and eating at working site. Wash thoroughly after handling,

## SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Black plastics cement shell

Odor: Odorless

Melting Point/°C : >300°C

solubility: Partial soluble in water

## SECTION 10 STABILITY AND REACTIVITY

stability :

Stable under normal temperatures and pressures.

Conditions to Avoid:

Avoid exposure to heat and open flame, Avoid mechanical or electrical abuse and overcharge :

Prevent short circuits. Prevent movement which could lead to short circuits,

Materials to Avoid:

Strong oxidant, Corrosives.

Hazardous Polymerization : will not occur

Hazardous Decomposition Products :

Sulfur oxides, sulfuric acid mist, metal oxides

## SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data: Not available.

Irritation Data :

The internal battery materials may cause severe irritation to eyes and skin, Causes burns.

Carcinogenicity :

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The International Agency on Cancer (IARC) has classified “strong inorganic acid mists containing sulfuric acid” as a category 1 carcinogen (inhalation), a substance that is carcinogenic to humans. This classification does not apply to the sulfuric acid contained within the battery, Misuse of the product, such as Overcharging, may result in the generation of sulfuric acid mist at high levels.

## SECTION 12 ECOLOGICAL INFORMATION

Lead and its compounds can result in a threat if released into the environment.

In most surface water and groundwater, lead forms compounds with anions such as hydroxides, carbonates, sulfates, and phosphates, and precipitates out of the water column. Lead may occur as sorbed ions or surface coatings on sediment mineral particles or may be carried in colloidal particles in surface water. Most lead is strongly retained in soil, resulting in little mobility. Lead may be immobilized by ion exchange with hydrous oxides or clays or by chelation with humic or fulvic acids in the soil, Lead (dissolved phase) is bioaccumulated by plants and animals, both aquatic and terrestrial.

## SECTION 13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:

Lead-acid batteries are completely recyclable. Return whole scrap batteries to distributor, manufacturer or lead smelter for recycling. For neutralized spills, place residue in acid-resistant containers with sorbent material, sand or earth and dispose of in accordance with local, state and federal regulations for acid and lead compounds. Contact local and/or state environmental officials regarding disposal information. Used batteries being transported for disposal or reclamation should be carefully checked prior to shipment to ensure the integrity of each battery and its suitability for transport.

## SECTION 14 TRANSPORT INFORMATION

The battery has passed the vibration test, pressure differential test and leakage test

At 55°C according to Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations (17ul) SPECIAL PROVISION 238 .

IATA : The battery is not restricted to IATA DGR according to IATA 59 Edition 2020.

IMO : The battery is not restricted to IMO IMDG Code according to special provision 238.

UN number	UN 2800
UN Proper shipping name	Batteries, wet, non-spillable
Transport hazard class(es)	8
Marine pollutant(Yes/No)	-
Transport in bulk(according to Annex II of MARPOL 73/78 and the IBC Code)	No
Special precautions which a user needs to be aware of, or needs to transport or conveyance either within or outside their premises	

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## SECTION 15 REGULATORY INFORMATION

EU Additional Classification:

S 36/37

Safety Statements : Wear suitable protective clothing and gloves,

## SECTION 16 OTHER INFORMATION

Department:

Shanghai Research Institute of Chemical Industry Testing/shanghai classification and testing

Centre of Dangerous Chemicals for State Administration of work safety

Tel(Fax) : 8621-52815377/52800971/52807275/52811034/52569800

Revision:

0

Other Information:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

Date:

2020-03-6



*Alain Prosper*

## Document certifié conforme - Certified document

LE CANNET, 15/07/2020

Alain PROSPER - Directeur Général

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