



TEST REPORT

Report No.:AZT24042943C-E0

Date of issue: May 09, 2024

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Applicant : JYC POWER CO., LIMITED
Address : FLAT/RM 1512,15F,LUCKY CENTRE,NO. 165-171 WAN CHAI ROAD,WAN CHAI,HK
Manufacturer : JYC BATTERY MANUFACTURER CO., LTD
Address : WENGCHENG INDUSTRIAL PARK, GUANDU DEVELOPMENT ZONE,WENGYUAN, SHAOGUAN, GUANGDONG

Report on the submitted samples said to be:

Sample Name : Valve Regulated Lead Acid Battery
Trade Mark : JYC
Tested model : 12V7AH
4V4AH,4V6AH,6V1.3AH,6V4AH,6V4.5AH,6V5AH,6V7AH,6V10AH,6V12AH,12V0.8AH,12V1.2AH,12V1.3AH,12V2AH,12V2.2AH,12V2.3AH,12V2.5AH,12V2.6AH,12V2.9AH,12V3.2AH,12V3.3AH,12V4AH,12V4.5AH,12V5AH,12V5.5AH,12V6AH,12V6.2AH,12V7AH,12V7.2AH,12V7.5AH,12V8AH,12V8.5AH,12V9AH,12V10AH,12V12AH,12V14AH,12V17AH,12V18AH,12V20AH,12V24AH,12V26AH,12V28AH,12V30AH,12V33AH,12V35AH,12V36AH,12V38AH,12V40AH,12V45AH,12V50AH,12V55AH,12V58AH,12V60AH,12V65AH,12V70AH,12V75AH,12V80AH,12V85AH,12V90AH,12V92AH,12V100AH,12V105AH,12V110AH,12V120AH,12V130AH,12V132AH,12V150AH,12V155AH,12V180AH,12V200AH,12V210AH,12V220AH,12V230AH,12V235AH,12V250AH,12V255AH,12V260AH,12V280AH,12V300AH,OPZS 6V600AH,OPZS 6V600AH,HR1237W,HR1235W
Series models :
Date of Sample Received : April 29, 2024
Testing Period : April 29, 2024 ~ May 09, 2024
Results : Please refer to next page(s).

TEST REQUEST

Heavy Metals (Lead, Cadmium & Mercury) Content - Regulation (EU) 2023/1542 amending Directive 2008/98/EC and Regulation (EU) 2019/1020

Conclusion

Pass

Signed for and on behalf of AZT

Jack Zhong



Shenzhen AZT Technology Co., Ltd.

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Tested part(s):

- (1) Valve Regulated Lead Acid Battery

Results:

A.1. Heavy Metals (Lead, Cadmium & Mercury) Content - Regulation (EU) 2023/1542 amending Directive 2008/98/EC and Regulation (EU) 2019/1020

Test Method: With reference to IEC 62321-5:2013 & IEC 62321-4:2013+AMD1:2017 CSV, analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

Test Items	Unit	Result	MDL	Limit
Lead (Pb)	%	38.067	0.0005	See comment if > 0.01 %
Mercury (Hg)	%	N.D.	0.0005	0.0005
Cadmium(Cd)	%	N.D.	0.0005	0.002
Conclusion	-	PASS	--	Please see comment for proper marking of the battery 5

Remark:

Marking requirement:

- General information of batteries:** The information on all battery labels should include ten items: manufacturer information, battery type and identification information, manufacturing address, production date (month and year), weight, capacity, chemical composition, harmful substances present in the battery (excluding mercury, cadmium or lead), available fire extinguishing agents, and key raw materials;
- Capacity information labels:** Rechargeable portable batteries, LMT batteries, and SLI batteries should have labels containing their capacity information;
- QR code:** All batteries should be labeled with a QR code;
- CE Mark and EU Declaration of Conformity:** Batteries should be labeled with a CE mark before being placed on the market, and an EU Declaration of Conformity should be drafted.
- Separate collection symbol:**
According to 2008/98/EC, all batteries, accumulators and battery packs shall be appropriately marked with the symbol as below:
Covered area on battery, accumulator or battery pack
-Cylindrical cells: 1.5 % of surface area (maximum 5 × 5 cm)
-Others: 3 % of surface area of the largest side (maximum 5 × 5 cm)
-When the size of the battery, accumulator or battery pack is such that the symbol would be smaller than 0.5 × 0.5 cm, a symbol at least 1 × 1 cm shall be printed on the packaging.
Symbols shall be printed visibly, legibly and indelibly
- When the sample consists lead exceeding 0.004%, the product is to be labeled with heavy metal content with the requirements as below:
-Mark with the chemical symbol for the metal concerned: Pb
-Print beneath the symbol
-Cover an area of at least 1/4 of the size of the symbol.
- Labelling review is not performed was specified by client.



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Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = milligram per kilogram = ppm
- % = percentage by weight, 0.0001% = 1 mg/kg
- Results shown are of total weight of the battery sample.
- Flow chart is included
- Photo appendix is included



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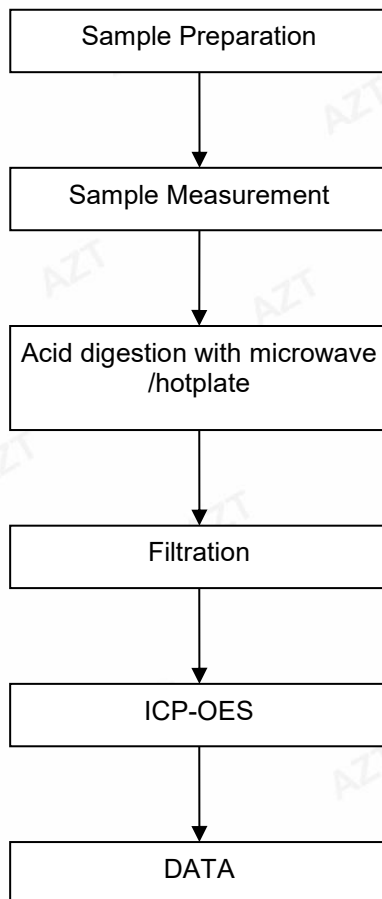
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Appendix

Lead /Cadmium/Mercury Testing Flow Chart





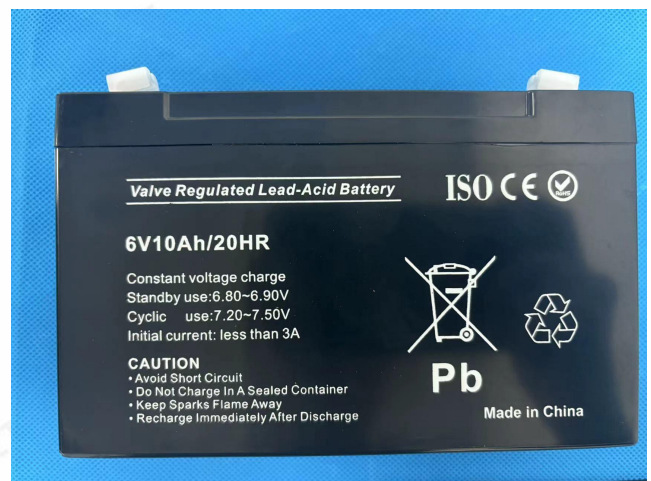
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The photo of the sample



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AZT authenticate the photo on original report only

***** End of Report *****

Statement:

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2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of AZT, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which AZT hasn't verified.
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6. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.



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