



Battery Test Report

Sample Description
& Model

LEAD ACID BATTERY GT12B-4

Applicant

GUANGZHOU MINTONG TRADING CO., LTD

Manufacturer

GUANGZHOU KAIJIE POWER SUPPLY
INDUSTRIAL CO., LTD

P O N Y 谱尼测试
Pony Testing International Group
www.ponytest.com

No.: MDIO6C6N75909521
Code: p9270v7cs





Pony Testing International Group

Report ID: MDIO6C6N75909521 Page 1 of 3

I、SAMPLE DESCRIPTION

Sample Description	LEAD ACID BATTERY		Sample Model	GT12B-4	
Applicant	GUANGZHOU MINTONG TRADING CO., LTD				
Manufacturer	GUANGZHOU KAIJIE POWER SUPPLY INDUSTRIAL CO., LTD				
Nominal Voltage	12V	Rated Capacity	12Ah	Limited Charge Voltage	---
Charge Current	---	Maximum Continuous Charge Current	---	End Charge Current	---
Cut-off Voltage	---	Maximum Discharge Current	---	Use	---
Cell Number In Each Battery	---	Cell Model	---	Cell Capacity	---
Manufacturer of cell	---				
Entrust date	2016-05-13		Finished date	2016-05-19	

II、REFERENCE METHOD

UN Model regulations ST/SG/AC.10/1/Rev.19 UN2800 Special Provision 238(a)(b)

III、TEST ITEM

1. Vibration test
2. Pressure differential test
3. 55°C Non-spillable test

IV、CONCLUSION

ITEM	SAMPLE NUMBER	REFERENCE METHOD	CONCLUSION
Vibration test	N1~N3	UN Model regulations ST/SG/AC.10/1/Rev.19 UN2800 Special Provision 238(a)(b)	Pass
Pressure differential test			Pass
55°C Non-spillable test			Pass

Prepared by: *Zhang Jun*

Issue Date: May 19, 2016

Checked by: *Zhang Jun* Approved by: *Tome*

www.ponytest.com ©Hotline 400-819-5688

北京实验室: (010) 82618116 长春实验室: (0431) 85150908 上海实验室: (021) 64851999 深圳实验室: (0755) 26050909
 青岛实验室: (0532) 88706866 哈尔滨实验室: (0451) 88104561 宁波实验室: (0574) 87736499 广州实验室: (020) 89224310
 天津实验室: (022) 27360730 大连实验室: (0411) 84650820 杭州实验室: (0571) 87219096 武汉实验室: (027) 83997127
 新疆实验室: (0991) 6684186 郑州实验室: (0371) 69350670 苏州实验室: (0512) 62997900 厦门实验室: (0592) 5568048



V、PHOTO OF THE SAMPLE



Authenticate the photo on original report only

VI、TEST METHOD

1. Vibration test

The battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8mm (0.032in) (1.6mm[0.063in] maximum total excursion) is applied. The frequency is varied at the rate of 1Hz/min between the limits of 10Hz to 55 Hz. The entire range of frequencies and return is traversed in 95±5 minutes for each mounting position (direction of vibration) of the battery. The battery must be tested in three mutually perpendicular positions for equal time periods.

2. Pressure differential test

After vibration test, the battery is stored for six hours at 24°C±4°C while subjected to a pressure differential of at least 88 kPa. The battery must be tested in three mutually perpendicular positions,



for at least six hours in each position.

3. 55°C Non-spillable test

After pressure differential test, at a temperature of 55°C, to observe if the electrolyte will flow from a ruptured or cracked case.

VII、 TEST APPARATUS

IE-0128 Electrodynamic type vibration test instrument

IE-0434 Vacuum chamber

IE-0219 Rapid Temperature chamber

VIII、 DATA

1. Vibration test

No.	Burst, Fire and Leakage
N1	No
N2	No
N3	No

2. Pressure differential test

No.	Burst, Fire and Leakage
N1	No
N2	No
N3	No

3. 55°C Non-spillable test

No.	Fire and Leakage
N1	No
N2	No
N3	No

*** End of report ***