

Report No.	CKT181129-033E
Total Pages	6

# TEST REPORT

Sample Underground Battery Box

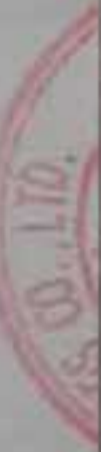
Type UBB12200 (1×12V 200Ah)

Client Shenzhen Supex Technology Co., Ltd

Manufacturer /

 **CHINA KUN TESTING**

TRF No. CKT0020



# Test Report

**Client:** Shenzhen Supex Technology Co., Ltd  
 Address: Bldg 6, Langkou Industrial Park, Longhua New District,  
 Shenzhen China

**Manufacturer:** /

**Date Submitted:** 2018-11-29

**Sample Name:** Underground Battery Box

**Sample Quantity:** 2pcs

**Test Item:** IP67

**Test periods:** 2018-11-29~2018-12-05

**Test Method:** GB 4208-2008 Degrees of protection provided by enclosure(IP code)  
 & the client's requirements.

**Test Ambient:** Temperature 23~25°C, Humidity 50~58%RH, Air pressure:101kPa

**Test Instruments:** Sand and dust chamber Model:SC-1700 S.N.: CKT0019  
 Calibration date: 2018.08.08  
 Immersion test chamber Model:IPX7B S.N.: CKT0405  
 Calibration date: 2018.08.08

**Test Result:** Refer to Page 4.

**Remark:** /


**CHINA KUN TESTING**



**Prepared:**

Chen Chong

*Chen Chong*

DATE : 2018-12-06

**Supervised:**

Ni Liang

*Ni Liang*

DATE : 2018-12-06

**Approved:**

Du Haiyu

*Du Haiyu*

DATE : 2018-12-06

Remark: The results shown in this test report refer only to the sample(s) tested unless otherwise stated this test report shall not be reproduced, except in full, without written approval of the Company. The content or appearance of this test report without written authorization to change or modify behavior is illegal.



China Kun Testing Technology Services CO., Ltd.  
 Tel: 0510-85038006

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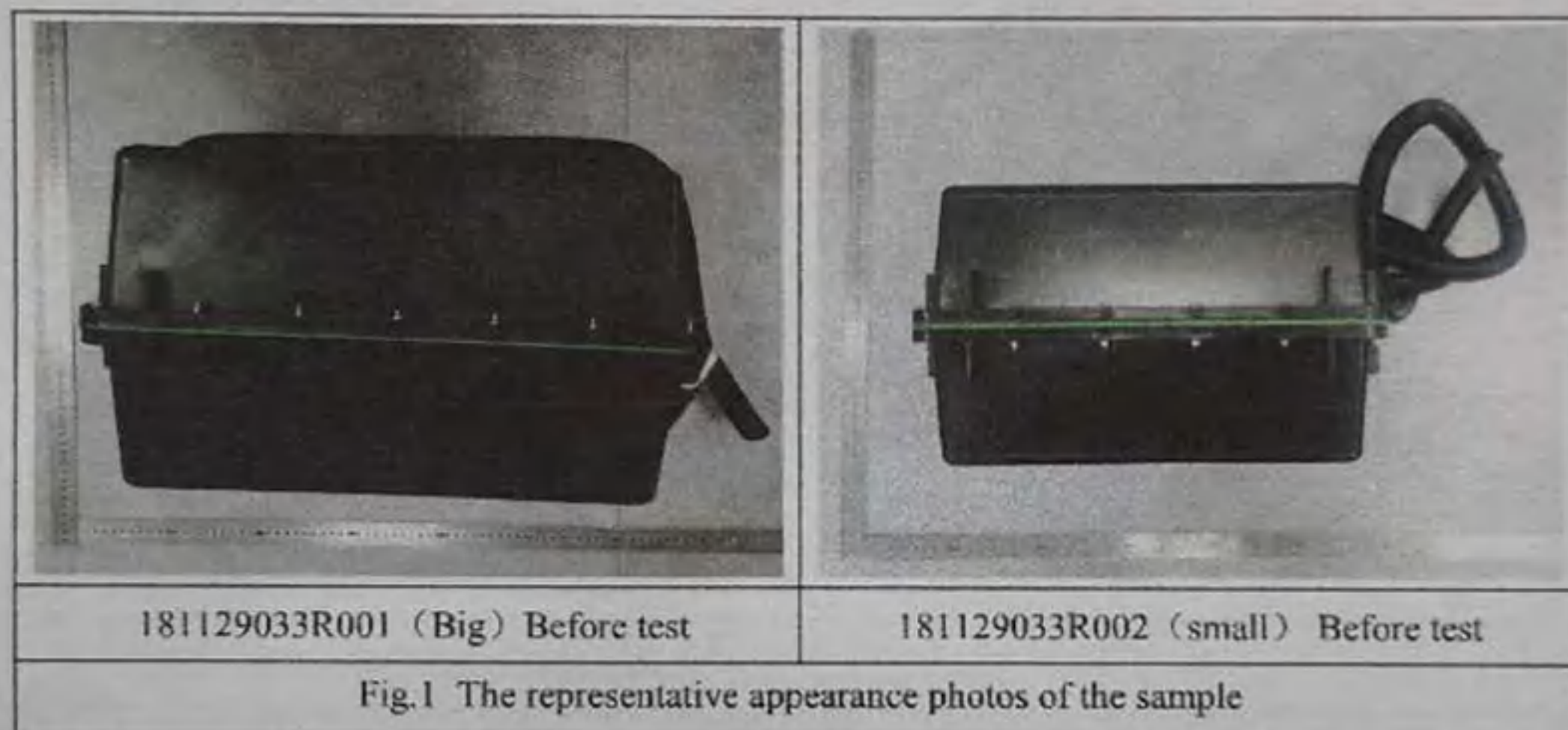


## 1 Sample Description

2pcs samples were submitted by the client for IP67 test. The sample description was shown in Table 1. The representative appearance photos of the samples before test were shown in Fig.1.

Table 1 Sample Description

Sample Name	Sample type	Quantity	Sample No.	Test Item	Photo
Underground Battery Box	UBB12200	2pcs	181129033R001-002	IP67	Fig.1



## 2 Testing Process

According with < GB 4208-2008 Degrees of protection provided by enclosure(IP code)> & the client's requirements, IP67 protection class test was performed. Test conditions were shown in Table 2. The testing process photos were shown in Fig.2.



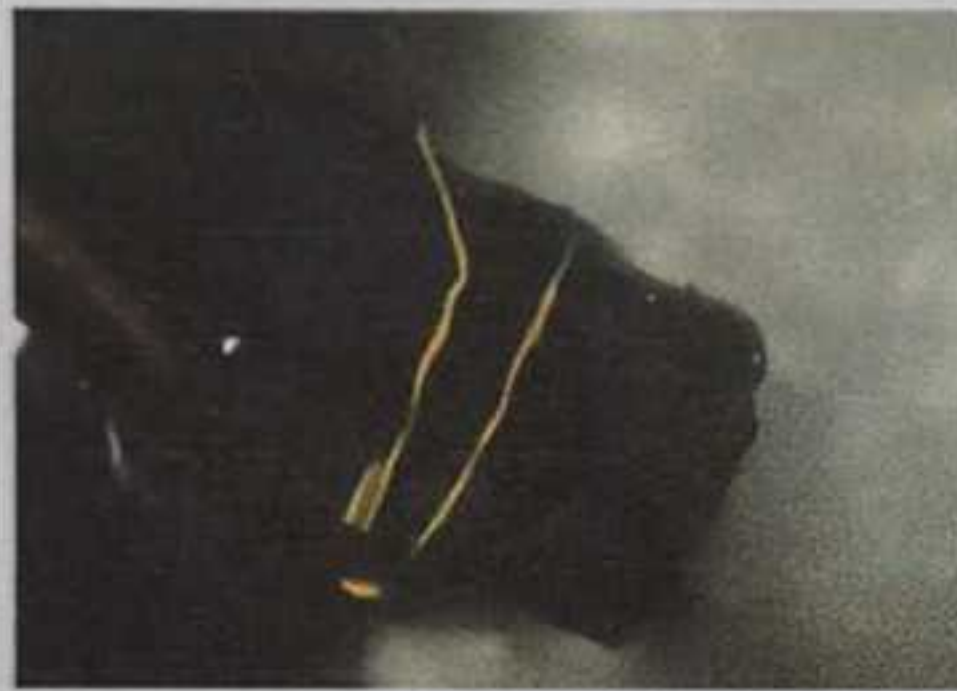
Table 2 Test conditions

Test Item	Test conditions
IP6X	Talc powder dust: 2Kg / m <sup>3</sup> Duration: 8h
IPX7	The water surface is at least 0.15m above the top of the sample casing, The bottom of the case is at least 1m below the surface of the water, Test duration: 30min

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<p>IP6X Dust-proof test process Photo</p>	<p>IP6X Dust-proof test process Photo</p>
	<p>/</p>
<p>IPX7 Waterproof test process photo</p>	<p>/</p>
<p>Fig.2 The testing process photo</p>	

### 3 Test Result

Test results were shown in Table 3, the photos after the test were shown in Fig 3.

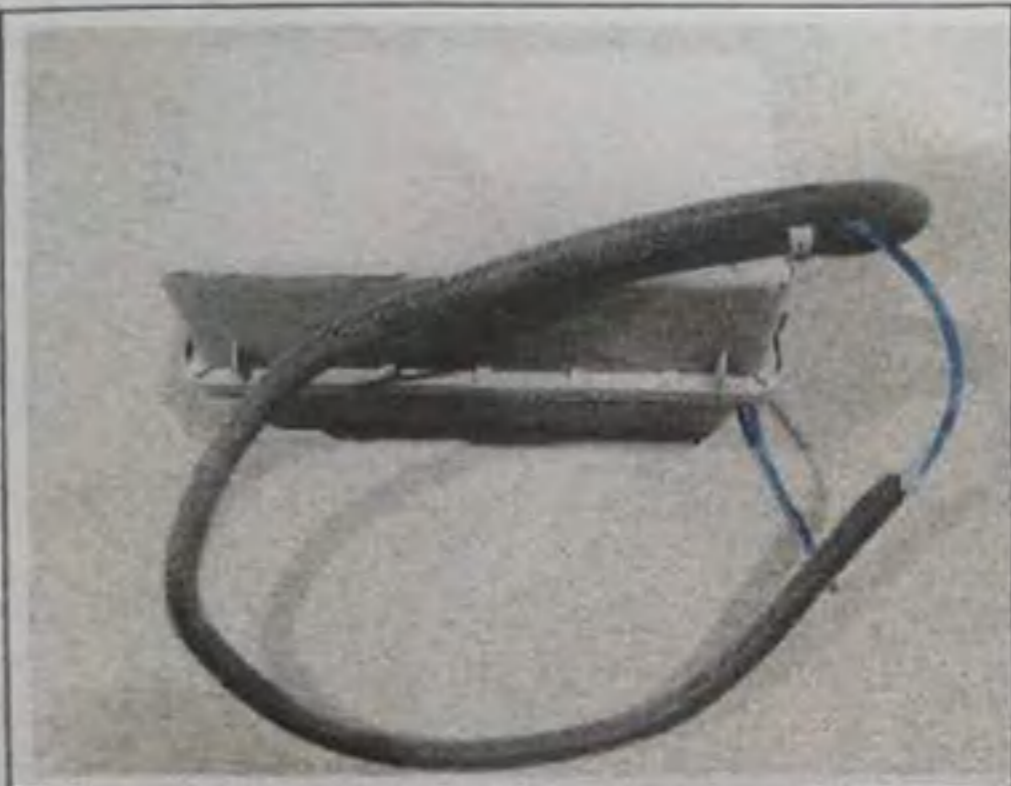


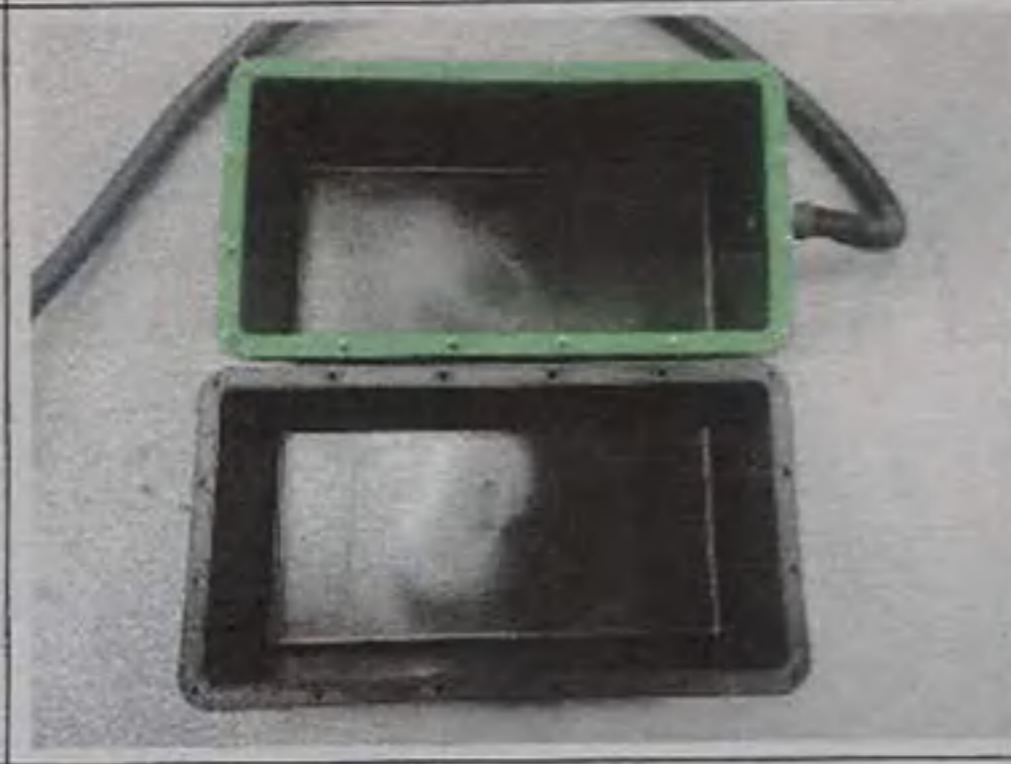
Table 3 test result

Sample name	Sample No.	Test item	Test result
Underground Battery Box	181129033R001	IP6X dust-proof test	There was no dust inside the sample after the test.
	181129033R002	IPX7 waterproof test	After the test, the inside of the sample entered without water.

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<p>The photo after IP6X dust-proof test</p>	<p>The inside photo after IP6X dust-proof test</p>
	
<p>The photo after IPX7 dust-proof test</p>	<p>The inside photo after IPX7 waterproof test</p>
<p>Fig.3 The photos after test</p>	

--The End--

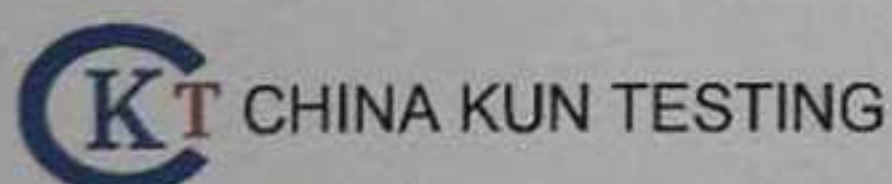
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