

FCC Test Report

Report No. : 1811C60019316204

Applicant : Ten Pao Industrial Co.,Ltd.

Address : Room 15,6/F.,Kwong Sang Hong Centre,
151-153 Hoi Bun Road, Kwun Tong,
Kowloon,H.K.

Product Name : GB1800 Portable Power Station

Report Date : 2026-08-31

Shenzhen Anbotek Compliance Laboratory Limited



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TEST REPORT

Applicant : Ten Pao Industrial Co.,Ltd.
Manufacturer : Ten Pao Industrial Co.,Ltd.
Product Name : GB1800 Portable Power Station
Model No. : G0091250,G0080251,G0090250
Trade Mark : 
Rated Capacity:51.2V/20Ah 1024Wh
AC Input: 120Vac 60Hz 7.1A 850W Max
AC Input (Pass-Through Charging Mode): 120Vac 60Hz15A 1800WMax
DC/Solar Input: 11-30Vdc 18.8A Max,440W Max
AC Output*4: 120Vac 60Hz 15A 1800W
Surge Output:3600VA
AC Output ParallelPorts: 120Vac 60Hz 15A 1800W
Rating(s) : Wireless Charger:15W
Car Port Output*1: 12Vdc 10A
DC 5521 Barrel Port Output*2: 12Vdc 3A
Car Port +DC 5521 Barrel Port Output:12Vdc 10A
USB-A Output 1: 5Vdc 3A 15W
USB-A Output 2: 5Vdc 3A/9Vdc 2A/12Vdc 1.5A 18W
USB-C Output 1: 5Vdc 3A/9Vdc 3A/12Vdc 3A/15Vdc 3A/20Vdc 5A 100W
USB-C Output 2:5Vdc 3A/9Vdc 3A/12Vdc 3A/15Vdc 3A/20Vdc 5A/28Vdc 5A 140W

Test Standard(s) : FCC Part 1.1310, 1.1307(b), FCC Part 2.1091

Test Method(s) : KDB 680106 D01 Wireless Power Transfer v04

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 1.1307 & FCC Part 2.1091 & KDB680106 D01 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

2026-01-09

Date of Receipt

Date of Test

2026-01-09 to 2026-08-28

Prepared By

Yuki Long

(Yuki Long)

Approved & Authorized Signer

Jules Guo

(Jules Guo)

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Shenzhen Anbotek Compliance Laboratory Limited

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Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Revision History

Report Version	Description	Issued Date
R00	Original Issue.	2026-08-31

1. General Information

1.1. Client Information

Applicant	:	Ten Pao Industrial Co.,Ltd.
Address	:	Room 15,6/F.,Kwong Sang Hong Centre, 151-153 Hoi Bun Road, Kwun Tong, Kowloon,H.K.
Manufacturer	:	Ten Pao Industrial Co.,Ltd.
Address	:	Room 15,6/F.,Kwong Sang Hong Centre, 151-153 Hoi Bun Road, Kwun Tong, Kowloon,H.K.

1.2. Description of Device (EUT)

Product Name	:	GB1800 Portable Power Station
Model No.	:	G0091250,G0080251,G0090250 (Note: All samples are the same except the model name, so we prepare "G0091250" for test only.)
Trade Mark	:	
Test Power Supply	:	AC 120V/60Hz, DC 51.2V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A
RF Specification		
Operation Frequency	:	111-205kHz
Modulation Type	:	ASK
Antenna Type	:	Inductive loop coil Antenna
Remark: 1. All of the RF specification are provided by customer. 2. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.		

1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Wireless charging load	Shenzhen Ouju Technology Co., Ltd.	CD2577	/

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1.4. Description of Test Modes

Pretest Modes	Descriptions
TM1	WPT Mode (15W 99% Load)
TM2	WPT Mode (15W 50% Load)
TM3	WPT Mode (15W 1% Load)
TM4	Standby Mode

1.5. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
1	Electric and Magnetic field Analyzer	NARDA	EHP-200A	2025-10-14	1 Year

1.6. Measurement Uncertainty

Magnetic Field Reading(A/m)	:	+/-0.04282(A/m)
Electric Field Reading(V/m)	:	+/-0.03679(V/m)
The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.		

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1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 279531

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 279531.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.8. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.
7. The data in this report will be synchronized with the corresponding national market supervision and management departments and cross-border e-commerce platforms as required by regulatory agencies.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

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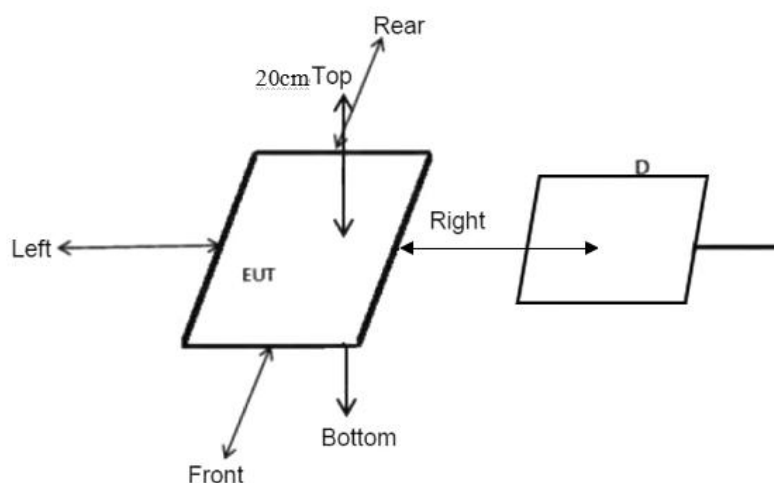
2. Measurement and Result

2.1. Limits For Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz
 *=Plane-wave equivalent power density
 RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

2.2. Test Setup



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Note: Measurements should be made at 20 cm surrounding the EUT and 20cm above the top surface of the EUT.

2.3. Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at required test distance which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points
(A, B, C, D, E) were completed.(A is the right, B is the back, C is the left, D is the front, and E is the top.)
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

Remark; The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.4. Test Result

2.4.1. Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(b), 1.1310

Temperature:	24.8 °C	Humidity:	50 %	Atmospheric Pressure:	101 kPa
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E-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT

Test Mode	Frequency Range (kHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (V/m)	Limits Test (V/m)
TM1	111-205	3.061	3.154	3.001	2.615	3.515	307	614
TM2	111-205	1.681	1.709	1.659	1.438	2.011	307	614
TM3	111-205	0.816	0.905	0.881	0.508	0.739	307	614
TM4	111-205	0.409	0.421	0.400	0.371	0.581	307	614

H-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT

Test Mode	Frequency Range (kHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
TM1	111-205	0.592	0.671	0.587	0.529	0.702	0.815	1.63
TM2	111-205	0.509	0.542	0.507	0.481	0.584	0.815	1.63
TM3	111-205	0.416	0.489	0.421	0.377	0.539	0.815	1.63
TM4	111-205	0.031	0.037	0.033	0.024	0.041	0.815	1.63

Note: All modes has been tested,only the worst data was recorded in the report.

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APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix IV -- Test Setup Photograph_MPE

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report-----