



HEALTH TEST REPORT

For

Shenzhen Yunji New Energy Technology Co. Ltd

Portable power station

Test Model: BP2000E PRO

Prepared for : Shenzhen Yunji New Energy Technology Co. Ltd
Address : 302, Building A2, Silicon Valley Power Intelligent Terminal
Industrial Park, No. 20 Dafu Industrial Zone, Dafu
Community, Guanlan Street, Longhua District, Shenzhen,
China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : January 03, 2024
Number of tested samples : 2
Serial number : Prototype
Date of Test : January 03, 2024 ~ January 15, 2024
Date of Report : January 15, 2024



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**HEALTH TEST REPORT**
EN 62479:2010 & EN 50663: 2017

Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)

Report Reference No. : **LCSA12293245EC****Date of Issue**..... : January 15, 2024**Testing Laboratory Name**..... : **Shenzhen LCS Compliance Testing Laboratory Ltd.****Address**..... : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Full application of Harmonised standards ■

Testing Location/ Procedure.... : Partial application of Harmonised standards □

Other standard testing method □

Applicant's Name..... : **Shenzhen Yunji New Energy Technology Co. Ltd****Address**..... : 302, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20 Dafu Industrial Zone, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China**Test Specification****Standard**..... : EN 62479: 2010
EN 50663: 2017**Test Report Form No.** : LCSEMC-1.0**TRF Originator**..... : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF**..... : Dated 2011-03**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

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Test Item Description..... : **Portable power station****Trade Mark**..... : N/A**Test Model**..... : BP2000E PRO**Ratings** : Please Refer to Page 5**Result** : **Positive****Compiled by:**

Ling Zhu/Administrator

Supervised by:

Cary Luo/ Technique principal

Approved by:

Gavin Liang/ Manager



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HEALTH --TEST REPORT

Test Report No. : LCSA12293245ECJanuary 15, 2024
Date of issue

Test Model : BP2000E PRO

EUT..... : Portable power station

Applicant..... : Shenzhen Yunji New Energy Technology Co. LtdAddress..... : 302, Building A2, Silicon Valley Power Intelligent Terminal
Industrial Park, No. 20 Dafu Industrial Zone, Dafu Community,
Guanlan Street, Longhua District, Shenzhen, China

Telephone..... : /

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Manufacturer..... : Shenzhen Yunji New Energy Technology Co. LtdAddress..... : 302, Building A2, Silicon Valley Power Intelligent Terminal
Industrial Park, No. 20 Dafu Industrial Zone, Dafu
Community, Guanlan Street, Longhua District, Shenzhen,
China

Telephone..... : /

Fax..... : /

Factory..... : Huizhou Yunji New Energy Technology Co., LTDAddress..... : Floor 4, Building 7, Huiyang hengang technologyindustry
park Yangnacun Area, Danshui Street, huiyang district,
Huizhou City, China

Telephone..... : /

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Test Result**Positive**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	January 15, 2024	Initial Issue	--



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1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	: Portable power station
Test Model	: BP2000E PRO
Power Supply	Capacity: 2048Wh, 51.2V AC Charging 200-240V 50/60Hz 15A Solar Charging 12V~120V/15A 1000W Max Car Charging 12V~8A 24V~10AIP AC Output (5 Outlets) Rated 3600W USB-A (2 Ports) 5V~2.4A 12W Total QC3.0 (2 Ports) 5V~3A/9V~2A/12V~1.5A 18W 36W Total Type-C (2 Ports) 5V~3A/9V~3A/12V~3A/15V~3A/20V~5A 100W PD 200W Total DC Output(2 Ports) 12V~ 3A 36W Total Cigarette Lighter Socket 12V~10A 120W GX16 4 Pin Aviation Socket 24V~10A 240W
Hardware Version	: 1.2
Software Version	: /
Bluetooth	:
Frequency Range	: 2402MHz ~ 2480MHz
Channel Number	: 40 channels for Bluetooth V5.2 (BT LE)
Channel Spacing	: 2MHz for Bluetooth V5.2 (BT LE)
Modulation Type	: GFSK for Bluetooth V5.2 (BT LE)
Bluetooth Version	: V5.2
Antenna Description	: Internal Antenna, -1.0dBi(Max.)





1.2. Objective

According to its specifications, the EUT must comply with the requirements of the following standards:

EN 62479- Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN 50663- Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz).

1.3. Test Methodology

All measurements contained in this report were conducted with EN 62479:2010 and EN 50663:2017.

1.4. Facilities

All measurement facilities used to collect the measurement data are located at Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China .

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 32.

1.5. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
SHENZHEN TIANYIN ELECTRONICS CO., LTD	Power Adapter	TPA-46050200 UU	--	CE

Note: Auxiliary equipment is provided by the laboratory.

1.6. External I/O Cable

I/O Port Description	Quantity	Cable
Overload Protection Port	1	N/A
AC Power Port	6	N/A
USB Port	4	N/A
Type-C Port	2	N/A
DC Port	2	N/A





1.7. Equipment

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn.

Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

1.8. Laboratory Accreditations And Listings

Site

Description

EMC Lab. : NVLAP Accreditation Code is 600167-0.
FCC Designation Number is CN5024.
CAB identifier is CN0071.
CNAS Registration Number is L4595.

Name of Firm : Shenzhen LCS Compliance Testing Laboratory Ltd.

Site Location : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

1.9. Measurement Uncertainty

Test Item	Uncertainty
Radio Frequency	0.9×10^{-4}
Total RF Power, Conducted	1.0 dB
RF Power Density, Conducted	1.8 dB
Spurious Emissions, Conducted	1.8 dB
All Emissions, Radiated	3.1 dB
Temperature	0.5°C
Humidity	1 %
DC And Low Frequency Voltages	1 %





2. HUMAN EXPOSURE TO THE ELECTROMAGNETIC FIELDS

2.1 Test Methodology

2.1.1. General description of applied standards

According to its specifications, the EUT must comply with the requirements of the following standards:

EN 62479- Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN 50663- Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz).

2.1.2. Description of test modes

The EUT has been tested under its typical operating condition. Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

2.2 Test limit

If the average power emitted by apparatus operating in the frequency range 10 MHz – 300GHz is less than or equal to 20 mW and the transmitting peak power is less than 20 mW then the apparatus is deemed to comply with the basic restrictions without testing.



2.3 Test Results

Since Max. output power for Bluetooth is 0.75mW (-1.24Bm According to radio test report LCSA12293245EB) less than 20mW specified in EN 62479 and EN 50663. This unit will not generate the harmful EM emission above the reference level as specified in EC Council Recommendation (1999/519/EC).

The unit complies with the EN 62479 and EN 50663 for RF exposure requirement.

No non-compliance noted.

-----THE END OF TEST REPORT-----

