

EU-TYPE EXAMINATION CERTIFICATE

No

0370-RED-6221

ISSUED BY	LGAI Technological Center, SA – NB No. 0370 (APPLUS)	
APPLICANT	Shenzhen pecron technology Co., LTD	
MANUFACTURER (Name, Address)	Huizhou pecron technology Co. LTD Gaowu section, Dongfeng Village, Xinwei Town, Huiyang District, Huizhou City, China	
COMMERCIALISED BY (Brand)		
PRODUCT	Portable Power Station	
TYPES	E2000LFP	
HW / SW / FMW version	SW: SV1.0 HW: HV1.0	
APPLICABLE DIRECTIVE	DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 APRIL 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MAKING AVAILABLE ON THE MARKET OF RADIO EQUIPMENT	
DESCRIPTION	The device is Portable Power Station with WPT.	
MEET ESSENTIAL REQUIREMENTS	Art.3.1 (a) Health & Safety <input checked="" type="checkbox"/>	Art.3.2 Efficient use of Radio spectrum <input checked="" type="checkbox"/>
	Art.3.1 (b) EMC <input checked="" type="checkbox"/>	Art.3.3 Requirements for specific categories or classes of RED (d) <input type="checkbox"/> (e) <input type="checkbox"/> (f) <input type="checkbox"/> (g) <input type="checkbox"/>

This document is not valid without its technical annex, whose number matches with the number of this certificate.

The evaluation of the technical documentation delivered is included in the technical file number: 23/36401647

This Certificate is valid as long as there are no changes in the state of the Art indicating that the approved radio equipment can no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the accordance with the essential requirements of Directive 2014/53/EU.

Restrictions (if applicable): N/A

Bellaterra, 25th May, 2023

José Luis Medina
 Director
 Electrical & Electronics – Spain



You can check the validity of this certificate in our website

The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the EU Declaration of conformity, may affix the CE Marking under his responsibility.

TECHNICAL ANNEX

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A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: China

Brand: 

Commercial designation: 

Country of commercialization: European Union

Radio service: WPT

Application: Portable Power Station

A.1.1 TRADE VERSIONS/VARIANTS: E2000LFP

A.2. FEATURES: Portable Power Station

A.3. SOFTWARE VERSION(S): SV1.0

A.4. HARDWARE VERSION(S): HV1.0

A.5. OTHER COMPONENTS

Disposable antenna YES **Antenna gain (dBi):**
NO

- **Battery (model, manufacturer, characteristics,..):**
 - o Manufacturer: NANJING CBAK ENERGY TECHNOLOGY COMPANY LIMITED
 - o Model: E2000LFP
 - o Specification: DC 25.6V, 75Ah

- **Adapter(model, manufacturer, characteristics,..):**
 - o Manufacturer: Guangzhou Electrcony Caporation
 - o Model:C1200 BATTERY CHARGER
 - o Input: AC 200-240V, 50/60Hz, 10A
 - o Output: DC 42V,15A

TECHNICAL ANNEX

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A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

BAND	SERVICE	Operational frequency (TX)	MAX POWER**	CNAF IR	CNAF/UN-XXX
Band 1	WPT	F_min: 110 kHz F_max: 148 kHz	-13.54dBuA/m @3m	IR- 108 IR- 109 IR- 110 IR- 111	UN-114

N/A: Not applicable
N/D: Not defined

** Antenna Gain included

A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

Requires license/Use authorization: YES NO

TECHNICAL ANNEX

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B. TEST PROTOCOL

REQUIREMENT	STANDARD	Laboratory	Report no.
Health and Safety Article 3.1(a)	EN IEC 62368-1:2020 + A11:2020	Shenzhen ZKT Technology Co., Ltd.	ZKT-2305011L3438S
	EN IEC 62311:2020		ZKT-2305011L3437E-1
	EN 50665:2017		
EMC Article 3.1(b)	ETSI EN 301 489-1 V2.2.3	Shenzhen ZKT Technology Co., Ltd.	ZKT-2305011L3437E-2
	ETSI EN 301 489-3 V2.3.2		
Efficient use of Radio spectrum Article 3.2	ETSI EN 303 417 V1.1.1	Shenzhen ZKT Technology Co., Ltd.	ZKT-2305011L3437E-3

C. RESTRICTIONS (IF POSITIVE)

Restrictions YES NO

Describe restrictions: N/A

TECHNICAL ANNEX

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D. ACTIVITIES CARRIED OUT BY THE NB

Technical Documentation Review

- | | | |
|---|---|--|
| <input type="checkbox"/> Assembly drawings(s) | <input checked="" type="checkbox"/> Block diagram | <input checked="" type="checkbox"/> Circuit diagram/schematics |
| <input checked="" type="checkbox"/> External photographs | <input checked="" type="checkbox"/> Label drawing/location | <input checked="" type="checkbox"/> User manual |
| <input checked="" type="checkbox"/> Internal photographs | <input checked="" type="checkbox"/> Operational description | <input checked="" type="checkbox"/> Risk Assessment |
| <input checked="" type="checkbox"/> Test set-up photographs | <input checked="" type="checkbox"/> Test reports | <input checked="" type="checkbox"/> EU declaration of conformity |
| <input checked="" type="checkbox"/> Bill of materials | <input checked="" type="checkbox"/> PCB layout | |
| <input type="checkbox"/> Installation diagrams and explanations | <input checked="" type="checkbox"/> List of applied (harmonized and non-harmonized) standards | |

Other activities

- RIS
- EFIS/CNAF
- Review Technical Justifications
- Analysis report
- EU type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.