

EU-TYPE EXAMINATION CERTIFICATE

No

0370-RED-6869

ISSUED BY	LGAI Technological Center, SA – NB No. 0370 (APPLUS)	
APPLICANT	Sichuan Injet New Energy Co., Ltd	
MANUFACTURER (Name, Address)	Sichuan Injet New Energy Co., Ltd NO. 19 Tu Men Jiang Road, Deyang, Sichuan, China	
COMMERCIALISED BY (Brand)		
PRODUCT	AC EV Charging Station	
TYPES	M3W332EN, M3W316EN, M3B332EN, M3B316EN	
HW / SW / FMW version	SW: V1.0 HW: V1.0	
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 an AC EV Charging Station with 2.4G WLAN and RFID 13.56MHz.	
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 match with the number of this certificate.

The evaluation of the technical documentation delivered is included in the technical file number: 23/36404468

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, 23th November, 2023

José Luis Medina
 Certification Director
 Electrical & Electronics



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:  **INJET**
Energizing Evolution

Commercial designation:  **INJET**
Energizing Evolution

Country of commercialization: European Union

Radio service: 2.4G WLAN and RFID 13.56MHz

Application: AC EV Charging Station

A.1.1 TRADE VERSIONS/VARIANTS: M3W332EN, M3W316EN, M3B332EN, M3B316EN

A.2. FEATURES: AC EV Charging Station

A.3. SOFTWARE VERSION(S): V1.0

A.4. HARDWARE VERSION(S): V1.0

A.5. OTHER COMPONENTS

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

Connector for conductive charging of electric Vehicles(model, manufacturer, characteristics,..):

Manufacturer: Suzhou Yihang Electronic Science & Technology Co.,Ltd.
Model: WB-IC-AC1.0-32AT
Specification: 480VAC, 32A

Manufacturer: Suzhou Yihang Electronic Science & Technology Co.,Ltd.
Model: WB-IC-AC1.0-16AT
Specification: 480VAC, 16A

Manufacturer: Zhangjiagang Uchen New Energy Technology Co., Ltd
Model: DSIEC2EEV32P(3P+N+PE)
Specification: 3P+N+PE

Manufacturer: Zhangjiagang Uchen New Energy Technology Co., Ltd
Model: DSIEC2EEV16P(3P+N+PE)
Specification: 3P+N+PE

Manufacturer: Onitl Cable Technology Corp.
Model: AG-IEC2-Ile-32P-3
Specification: 480VAC, 32A

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Manufacturer: Onitl Cable Technology Corp.
Model: AG-IEC2-Ile-16P-3
Specification: 480VAC, 16A

- **AC incoming line(model, manufacturer, characteristics,..):**

Manufacturer: Guangdong OMG Transmitting Technology Co.,Ltd.
Model: EVC H07BZ5-F
Specification: 450/750V, 5*2.5mm²+2*0.75 mm²

Manufacturer: Guangdong OMG Transmitting Technology Co.,Ltd.
Model: EVC H07BZ5-F
Specification: 450/750V, 5*6mm²+2*0.75 mm²

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

BAND	SERVICE	Operational frequency (TX)		MAX POWER**	CNAF IR	CNAF/UN-XXX
Band 1	2.4G WLAN	F_min: 2412MHz	F_max: 2472MHz	14.63dBm	IR-163	UN-85
Band 2	RFID	F_min: 13.56MHz	F_max: 13.56MHz	11.78dBμA/m, 3m	IR-116	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

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B. TEST PROTOCOL

REQUIREMENT	STANDARD	Laboratory	Report no.
Health and Safety Article 3.1(a)	EN IEC 61851-1:2019	Shenzhen Nore Testing Center Co., Ltd.	SZNTC2311028SV00
	IEC 62955:2018		
	IEC 61008-1:2010 (Third Edition)+A1:2012+A2:2013		
	EN IEC 62311:2020	Dongguan Nore Testing Center Co., Ltd.	NTC2204238EV01
	EN 50665:2017		NTC2204239EV01
EMC Article 3.1(b)	EN 301 489-1 V2.2.3	Dongguan Nore Testing Center Co., Ltd.	NTC2204234EV01 NTC2204233EV01
	EN 301 489-3 V2.1.1		
	EN 301 489-17 V3.2.4		
	EN IEC 61000-6-3:2021		
	EN IEC 61000-6-4:2019		
	EN IEC 61000-6-1:2019		
	EN IEC 61000-6-2:2019		
	EN IEC 61851-21-2:2021	Shenzhen Nore Testing Center Co., Ltd.	SZNTC2311027EV00
Efficient use of Radio spectrum Article 3.2	EN 300 328 V2.2.2	Dongguan Nore Testing Center Co., Ltd.	NTC2204235EV01
	EN 300 330 V2.1.1		NTC2204236EV01

C. RESTRICTIONS (IF POSITIVE)

Restrictions YES NO

Describe restrictions: N/A

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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.