



# SUPPLIER DECLARATION OF CONFORMITY (SDOC)

IN ACCORDANCE WITH ISO/IEC 17050-1:2004

SDoC Identification Number - TNL0083.2018			
<b>ISSUER DETAILS</b>			
<b>NAME</b> (of New Zealand manufacturer or importer)		<b>CONTACT ADDRESS</b>	
TRANSNET NZ LTD		78 CRYERS ROAD EAST TAMAKI AUCKLAND	
<b>NEW ZEALAND COMPANY NUMBER (IF APPLICABLE)</b>			
1033992			
<b>TELEPHONE</b>	<b>FAX</b>	<b>EMAIL ADDRESS</b>	
09 274 3340	09 274 5490	sales@transnet.co.nz	
<b>MEDIUM RISK ARTICLE - DETAILS (BRAND, PRODUCT TYPE, MODEL, RATINGS, AS APPLICABLE)</b>			
EVC-WB-PULSAR-T1-WH; 230V AC 50Hz 32A IP54 Type 1; EVC-WB-PULSAR-T1-BK; 230V AC 50Hz 32A IP54 Type 1			
EVC-WB-PULSAR-T2-WH; 230V AC 50Hz 32A IP54 Type 2; EVC-WB-PULSAR-T2-BK; 230V AC 50Hz 32A IP54 Type 2			
<b>THE MEDIUM RISK ARTICLE, LISTED ABOVE, FULLY COMPLIES WITH THE CITED STANDARD(S), AS LISTED:-</b>			
Standard number & issue year:- EN 61851-1:2012		Standard number & issue year:- EN 61851-22:2002	
Standard Title:- ELECTRIC VEHICLE CONDUCTIVE CHARGING SYSTEM - Part 1: General requirements		Standard Title: ELECTRIC VEHICLE CONDUCTIVE CHARGING SYSTEM - Part 22: AC electric vehicle charging station	
Edition / Amendment status:-	<b>Ed. 2012</b>	Edition / Amendment status:-	<b>Ed. 2002</b>
OR COMPLIES WITH THE CONFORMITY COOPERATION AGREEMENT - NO			
<b>NAMES AND ADDRESSES OF ANY TESTING ORGANISATION OR BODY</b>			
<b>NAME(S)</b>		<b>ADDRESS(ES)</b>	
Applus laboratories		LGAI Technological Center, S.A. Campus de la UAB, Ronda de la Font del Carme, Bellaterra Barcelona	
Reference to relevant test reports/certification, and issue date of the reports/certification, that show how compliance is achieved:-			
<b>STANDARD(S) OR DOCUMENT(S) USED, TO SHOW HOW COMPLIANCE WITH CITED STANDARD IS ACHIEVED:-</b>		<b>REPORT/CERTIFICATION OR DOCUMENT REFERENCE N°(S):-</b>	<b>ISSUE DATE(S)</b>
EN 61851-1:2012 ; EN 61851-22:2002 (Electrical Safety)		18/31700186 18/31705505	13/06/2018 18/07/2018
EN 61851-22:2002 (EMC)		18/31704745 18/31705506	13/06/2018 19/07/2018
Reference to any management systems involved:-			
Additional Information:- See supplementary documentation reference: TNL0083.2018.SUP			
<b>DECLARATION</b>			
I hereby declare that the above specified fittings or electrical appliances comply with the requirements of Regulation 83 of the Electricity (Safety) Regulations 2010.		<b>SIGNED FOR AND ON BEHALF OF:</b>	
		TransNet NZ Ltd	
		<b>NAME &amp; POSITION, AS AUTHORIZED BY THE ISSUER</b>	
		Phillip Hogg - Mechatronics Engineer	
		<b>SIGNATURE</b>	<b>DATE</b>
Issuer Identification (as affixed to the article)			20/07/2018



## Supplementary Electrical Safety Documentation

Reference: TNL0083.2018.SUP

Subject: EV Charger  
 Make: WALLBOX  
 Model: EVC-WB-PULSAR-T[1/2]-[WH/BK]  
 Type: Electric Vehicle Charging Station  
 Rating: AC 230V 50Hz, 32A

### Comments:

TransNet part numbers reference the Wallbox part numbers in the following table:

TransNet Models	Wallbox part number/reference	Notes
<b>EVC-WB-PULSAR-T1-WH</b>	WBPL-0-1-2-0-001-A	White housing, Type 1 connector.
<b>EVC-WB-PULSAR-T2-WH</b>	WBPL-0-2-2-0-001-A	White housing, Type 2 connector.
<b>EVC-WB-PULSAR-T1-BK</b>	WBPL-0-1-2-0-002-A	Black housing, Type 1 connector.
<b>EVC-WB-PULSAR-T2-BK</b>	WBPL-0-2-2-0-002-A	Black housing, Type 2 connector.

### General notes:

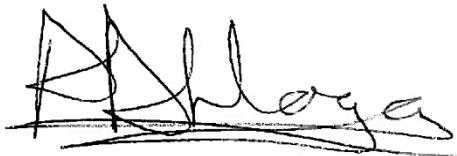
UNE-EN 61851-1:2012 and UNE-EN61851-22:2002 are identical to IEC 61851-1:2012 and IEC 61851-22:2002 respectively as required by Worksafe guidelines. *See Worksafe issued 'Electric Vehicle Charging Safety Guidelines Part 2: Selection and Installation' dated 1/11/2016 referring to Clause 6.1.2(b).*

UNE-EN 61851-1:2012 and UNE-EN61851-22:2002 compliance in report numbers 18/31700186 and 18/31704745 respectively is tested with the product restricted to 16A. Subsequently, relevant clauses retested on the same product in report numbers 18/31705505 and 18/31705506 respectively with the output current restricted to 32A. The product can be internally restricted from 16A – 32A (not accessible to end user). Wallbox part number WBL-0-2-1-0-001-A (16A limit configured) is identically equivalent to WBL-0-2-2-0-001-A (32A limit configured) with the exception of the configured current limit.

Test evidence to EN61851-1:2012 and EN61851-22:2002 is conducted with 'Type 2' connector (referring to part 'EV charging connector' on Table 2.1 in EN61851-1:2012) test evidence is replaced with Phoenix Contact part EV-T1G3K-1AC32A-5,0M6,0ESBK01 also complying to IEC62196-2 for products specified with 'Type 1' connector. Phoenix Contact part number EV-T1G3K-1AC32A-5,0M6,0ESBK01 compliance evidence is issued as Manufacturer Declaration certificate number 1623224.CE.02

EN61851-1:2012 report number 18/31705505 Table 2.1 refers to evidence supplied to components not supplied with IEC compliance (Observation OBS1) 'Current sense Transformer' is compliant to EN61558-1. This standard is identical to IEC 61558-1 Ed. 2.0 and should be considered equivalently compliant.

EN61851-1:2012 report number 18/31705505 Observation 2 (OBS2) notes the operating temperature range is tested as restricted to -5°C to +40°C. Although this is the range selection for 'indoor use' based on annex 3.2 of the standard, we accept this an acceptable temperature range for outdoor use within New Zealand.

A handwritten signature in black ink, appearing to read 'Phillip Hogg', with a horizontal line drawn underneath it.

Signed : Phillip Hogg  
Mechatronics Engineer

Date: 20/07/2018

File Number 18/31700186

Page 1 of 32

## TEST REPORT

### Electrical Safety



Standard deviations are out of the scope of the ENAC accreditation

#### Petitioner's Reference: WALLBOX CHARGERS, S.L.

Customer Address: C/ Josep Ros i Ros 21 A  
08740, Sant Andreu de la Barca (Barcelona)

#### Equipment: Electric vehicle charging station

Brand:	Wallbox	Model	Pulsar
PN:	WBPL-0-2-1-0-001-A	Int. ident. number:	6434/1, 6434/2 & 6434/4

#### Applied Specifications:

**UNE-EN 61851-1:2012** *Electric vehicle conductive charging system – Part 1: General requirements.*

**UNE-EN 61851-22:2002** *AC Electric Vehicle Charging Station – Part 22: AC electric vehicle charging station.*

#### Results

Samples previously described have been tested according to the applied specifications\* of the standards: UNE-EN 61851-1:2012 and UNE-EN 61851-22:2002, with the deviations described on page 4.

See detailed results throughout this report.

\* See applied specifications on page 4.

**Date of issue:** Bellaterra, June 13, 2018

Albert Marginet Morales  
Technical Manager  
Electrical and Electronics  
LGAI Technological Center S.A.

The results refer only and exclusively to the sample, product or material delivered for testing described above. The equipment has been tested under conditions stipulated by standard(s) quoted in this document.

This document will not be reproduced otherwise than in full.

This is the first page of the document, which consists of 32 pages of which 10 are annexes.

File Number **18/31704745**

**TEST REPORT**  
**Electromagnetic Compatibility**



**Petitioner's Reference: WALL BOX CHARGERS, S.L.**

Customer Address : C/ Josep Ros i Ros 21A  
08740, Sant Andreu de la Barca (Barcelona)

**Equipment: AC/AC CAR CHARGER 3,7 kW**

Brand:	WALLBOX	Model:	PULSAR
s/n:	--	Power Supply:	AC 230V 50 Hz

**Result: complies**

It has been tested and complies the standard specifications Applicable / s  
See specifications applied on page 9

**Applicable Standards**

**EMC standard/s:** **UNE-EN 61851-22:2002** Electric vehicle conductive charging system -  
Part 22: AC electric vehicle charging station.

**Date of issue:** Bellaterra, June 13, 2018

Jordi Geis Estrada  
Technical Manager  
Electrical and Electronics  
LGAI Technological Center S.A.

The results refer only and exclusively to the sample, product or material delivered for testing in "Received Material" section above. The equipment has been tested under conditions stipulated by standard(s) quoted in this document.  
This document will not be reproduced otherwise than in full.  
This is the first page of the document, which consists of 28 pages of which 60 are annexes.

File Number 18/31705505

Page 1 of 14

## TEST REPORT

### Electrical Safety



Standard deviations are out of the scope of the ENAC accreditation

#### Petitioner's Reference: WALLBOX CHARGERS, S.L.

Customer Address: C/ Josep Ros i Ros 21 A  
08740, Sant Andreu de la Barca (Barcelona)

#### Equipment: Electric vehicle charging station

Brand:	Wallbox	Model	Pulsar
PN:	WBPL-0-2-2-0-001-A	Int. ident. number:	6630/1

#### Applied Specifications:

**UNE-EN 61851-1:2012** *Electric vehicle conductive charging system – Part 1: General requirements.*

**UNE-EN 61851-22:2002** *AC Electric Vehicle Charging Station – Part 22: AC electric vehicle charging station.*

#### Results

Sample previously described has been tested according to the applied specifications\* of the standards: UNE-EN 61851-1:2012 and UNE-EN 61851-22:2002, with the deviations described on page 4.

See detailed results throughout this report.

\* See applied specifications on page 4.

**Date of issue:** Bellaterra, July 18, 2018

Albert Marginet Morales  
Technical Manager  
Electrical and Electronics  
LGAI Technological Center S.A.

The results refer only and exclusively to the sample, product or material delivered for testing described above. The equipment has been tested under conditions stipulated by standard(s) quoted in this document.  
This document will not be reproduced otherwise than in full.  
This is the first page of the document, which consists of 14 pages of which 3 are annexes.

File Number **18/31705506**

**TEST REPORT**  
**Electromagnetic Compatibility**



**Petitioner's Reference: Wallbox Chargers S.L.**

Customer Address : C/ Josep Ros i Ros 21ª  
08740, Sant Andreu de la Barca (Barcelona)

**Equipment: AC/AC CAR CHARGER 7.36kW**

Brand:	WALLBOX	Model:	WALLBOX
s/n:	--	Power Supply:	AC 230V 50 Hz

**Result: complies**

It has been tested and complies the standard specifications Applicable / s  
See specifications applied on page 6

**Applicable Standards**

**EMC standard/s\*:** **UNE-EN 61851-22:2002** Electric vehicle conductive charging system -  
Part 22: AC electric vehicle charging station.

**\*Note:** Partial test was performed according to the customer requirements

**Date of issue:** Bellaterra, July 19, 2018

Jordi Geis Estrada  
Technical Manager  
Electrical and Electronics  
LGAI Technological Center S.A.

The results refer only and exclusively to the sample, product or material delivered for testing in "Received Material" section above. The equipment has been tested under conditions stipulated by standard(s) quoted in this document.  
This document will not be reproduced otherwise than in full.  
This is the first page of the document, which consists of 10 pages of which 60 are annexes.