

Technical Documentations

According to Annex IV of the R&TTE Directive 1999/5/EC

for the product

Weather station transmitter unit for WS1600

TX22 + TX23 + TX26

**Proficell Batterien & Co. Vertriebs-KG
Gewerbepark Berlin Wildau, Gewerbeparkstr. 10, 15745 Wildau
Germany**

Diese Dokumentation ist erstellt in Übereinstimmung mit der R&TTE Direktive 1999/5/EC vom 9. März 1999 und gilt nur in Verbindung mit den auf Seite 2 genannten Anlagen.

This documentation is issued in accordance with the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the annexes mentioned on page 2.

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1. Opinion acc. Annex IV of the Directive 1999/5/EC
(EC R&TTE Type Examination Certificate)

2. Declaration of Conformity: Radio
 EMC
 Safety

3. Certificate of Conformity G0M20511-9968-T-41 Radio
 G0M20511-9968-E-11 EMC
 G0M20511-9968-L Safety

4. Multilistings Declarations of identical to Type
 (if desired) Declaration of Conformity
 and/ or
 Certificate of Conformity

5. Test Reports: Radio Test Report acc. EN 300 220-1/-3
 G0M20511-9968-T-41

 EMC Test Report acc. EN 301 489-1/-3
 G0M20511-9968-E-11

 Safety Test reports acc. EN 60950-1
 G0M20511-9968-L

6. Technical Documentation: Circuit Diagram
 PCB Layout
 Component Layout
 Parts List

7. User Manual

Der Hersteller oder sein in der Gemeinschaft ansässiger Bevollmächtigter oder die für das Inverkehrbringen des Geräts verantwortliche Person muß die oben aufgeführten Unterlagen für einen Zeitraum, der frühestens 10 Jahre nach der Herstellung des letzten Gerätes endet, für die zuständigen nationalen Behörden aller Mitgliedsstaaten zur Einsichtnahme aufbewahren.

The manufacturer or his authorised representative established within the Community or the person responsible for placing the apparatus on the market must keep the file containing the documents mentioned above for a period ending at least 10 years after the last apparatus has been manufactured at the disposal of the relevant national authorities of any Member States for inspection.

recognised in accordance with the R&TTE Directive 1999/5/EC of 9th March 1999
as Notified Body for the Federal Republic of Germany, represented by



Bundesnetzagentur

EC-R&TTE CERTIFICATE

Expert Opinion

Registriernummer: **G0M20511-9968-C**
Registration No.:

ProduktHersteller: **Europe Supplies Limited**
Manufacturer: **A3, 12/F., Kailey Ind. Centre, No. 12 Fung Yip St.
Chaiwan, Hong Kong**

Bescheinigungsinhaber: **Proficell Batterien & Co. Vertriebs-KG**
Certificate Holder: **Gewerbepark Berlin Wildau, Gewerbeparkstr. 10
15745 Wildau, Germany**

Produktbezeichnung: **TX22 + TX23 + TX26**
Product Designation: **WS1600 (see annex)**

Produktbeschreibung: **Weather station transmitter unit for WS1600**
Product Description: **Non-specific Short Range Device**

Vorschrift(en): **Radio : EN 300 220-3 V1.1.1**
Specification(s): **EMC : EN 301 489-3 V1.4.1
Safety : EN 60950-1 (2001)**

Diese Bescheinigung ist erstellt in Übereinstimmung mit Annex IV der R&TTE Direktive 1999/5/EC vom 9. März 1999 und gilt nur in Verbindung mit den nachfolgenden - 1 - Anlagen.

This certificate is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the following - 1 - annexes.

The equipment is to mark with the Approval mark:

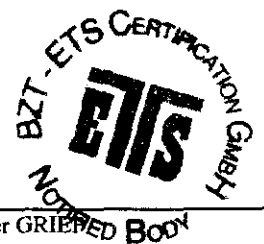
CE0681



Reichenwalde, 08. December 2005

Ort, Ausstellungsdatum
Place, Date of Issue

Unterszeichnet von/Signed by Dieter GRIEBED
Benannte Stelle/ Notified Body



BZT - ETS CERTIFICATION GMBH

System description

Frequency band(s)	868 - 868.6MHz
Operating frequency	868.3MHz
Channels/ Bandwidth	1, >25 kHz
Transmit power	1,53mW e.r.p.
Type of modulation	F1D
Type of antenna	Tx: integral Rx: --
Mode of operation (simplex/duplex)	simplex
Duty cycle * (access protocol, if applicable)	< 1%
Comments	Equipment class identifier : 1.28 Non-specific Short Range Device, European harmonised frequency band (audio and voice are exclude) WS1600 contains the transmitter units: TX22 : thermohygro transmitter (data RF transmitter) TX23 : wind sensor (wire connected to TX22) TX26 : rain sensor (wire connected to TX22)

Technical Construction File

essential components of the technical construction file:

test report(s)

G0M20511-9968-T-41

G0M20511-9968-E-11

G0M20511-9968-L

User manual

TX22 + TX23 + TX26

Technical Documentation

TX22 + TX23 + TX26

including:

PCB Layout
 Circuit diagram
 Part list

Declarations:

Acc. to article 3.2 : **Radio**
 Acc. to article 3.1b : **EMC**
 Acc. to article 3.1a : **Safety**



**ELECTRONIC TECHNOLOGY SYSTEMS
DR. GENZ GMBH**

COMPETENT BODY ACCREDITED TEST HOUSE

CERTIFICATE OF CONFORMITY

EU R&TTE - DIRECTIVE 1999/5/EC -

This certifies that the following designated product

**WEATHER STATION TRANSMITTER UNIT FOR WS1600
MODEL NO. : TX22 + TX23 + TX26**

.....
(Product identification)

complies with the essential requirements of the R&TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to *Radio Spectrum Matters*.

This certificate is awarded following tests carried out on samples of the product referred to above.

Assessment of compliance of the product with the requirements relating to radio spectrum matters was based on Annex IV of the Directive 1999/5/EC and the following standard:

EN 300 220-3: V1.1.1

EN 300 220-1: V1.3.1

.....
(Identification of regulations / standards)

This certificate is issued for

**PROFICELL BATTERIEN & CO. VERTRIEBS-KG
GEWERBEPARK BERLIN WILDAU, GEWERBEPARKSTR. 10
15745 WILDAU, GERMANY**

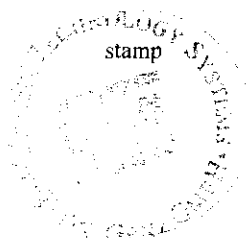
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(Name / Address)

THE CERTIFICATION IS VALID ONLY IN ACCORDANCE WITH THE TEST REPORT NR. G0M20511-9968-T-41
THE CONFIRMATION IS VALID ONLY IF THE PRODUCT IS MANUFACTURED IN ACCORDANCE WITH THE TESTREPORT

GS LVD E/e-MARK FCC GSM UMTS CE-MARK SAR RADIO CB EMC DECT WLAN 3G Bluetooth R&TTE



This is the result of tests carried out on those samples of the product referred to above which were submitted for testing, in accordance with the specification for the respective standards. The certificate holder has the right to fix the ETS-MARK which shows the RADIO segment onto each individual product in the series to which the inspection sample belongs, provided that the product is manufactured in accordance with the test report.



December 08, 2005

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(Date)

Dr. Genz

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Dr. Genz

G0M20511-9968

ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

STORKOWER STRASSE 38C, D-15526 REICHENWALDE B. BERLIN, GERMANY, PHONE + 49-33631-888 00 FAX + 49-33631-888 660

Important Requirements

concerning the marking of radio equipment and telecommunications terminal equipment according the R&TTE Directive

1. According Article 12 of the R&TTE Directive the product must be marked as follows:
Article 12 of the R&TTE Directive 1999/5/EC:

„Article 12

CE marking

1. Apparatus complying with all relevant essential requirements shall bear the EC conformity marking referred to in Annex VII. It shall be affixed under the responsibility of the manufacturer, his authorized representative within the Community or the person responsible for placing the apparatus on the market.

Where the procedures identified in Annex III, IV or V are used, the marking shall be accompanied by the identification number of the notified body referred to in Article 11(1). Radio equipment shall in addition be accompanied by the equipment class identifier where such identifier has been assigned. Any other marking may be affixed to the equipment provided that the visibility and legibility of the EC marking is not thereby reduced.

2. No apparatus, whether or not it complies with the relevant essential requirements, may bear any other marking which is likely to deceive third parties as to the meaning and form of the EC marking specified in Annex VII.

3. The competent Member State shall take appropriate action against any person who has affixed a marking not in conformity with paragraphs 1 and 2. If the person who affixed the marking is not identifiable, appropriate action may be taken against the holder of the apparatus at the time when non-compliance was discovered.

4. Apparatus shall be identified by the manufacturer by means of type, batch and/or serial numbers and by the name of the manufacturer or the person responsible for placing the apparatus on the market.“

Annex VII of the R&TTE Directive 1999/5/EC:

„ANNEX VII

MARKING OF EQUIPMENT REFERRED TO IN ARTICLE 12(1)

1. The CE conformity marking must consist of the initials 'CE' taking the following form:



If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.

2. The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.

3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.

4. The CE marking must be affixed visibly, legibly and indelibly.

5. The equipment class identifier must take a form to be decided by the Commission in accordance with the procedure laid down in Article 14.

Where appropriate it must include an element intended to provide information to the user that the apparatus makes use of radio frequency bands where their use is not harmonised throughout the Community.

It must have the same height as the initials 'CE'.

Relating to the point 5 the commission issued the following decision on 6 April 2000:

Article 1 of the COMMISSION DECISION of 6 April 2000:

„Article 1

1. Radio Equipment and Telecommunications Terminal Equipment, which can be placed on the market and be put into service without restrictions, will constitute a class. This class will be referred to as 'Class 1'.

An Equipment Class Identifier is not assigned for this class of equipment.

2. Radio Equipment for which Member States apply restrictions on the putting into service as foreseen in Article 7(2) of Directive 1999/5/EC or for which Member States apply restrictions on the placing on the market as foreseen by Article 9(5) of Directive 1999/5/EC will constitute a class. This class will be referred to as 'Class 2'. The following Equipment Class Identifier is assigned to equipment within this class:



3. The Commission will publish and maintain, in consultation with the Telecommunication Conformity Assessment and Market Surveillance Committee (TCAM), an indicative and non-exhaustive list of equipment falling within the above classes on the website containing information on Directive 1999/5/EC (<http://europa.eu.int/comm/enterprise/rtte>).

According Article 6(3) of the R&TTE Directive the manufacturer or the person responsible for placing the apparatus on the market must provide information for the user on the intended use of the apparatus, together with the declaration of conformity to the essential requirements.

Article 6(3) of R&TTE Directive 1999/5/EC:

“3. Member States shall ensure that the manufacturer or the person responsible for placing the apparatus on the market provides information for the user on the intended use of the apparatus, together with the declaration of conformity to the essential requirements. Where it concerns radio equipment, such information shall be sufficient to identify on the packaging and the instructions for use of the apparatus the Member States or the geographical area within a Member State where the equipment is intended to be used and shall alert the user by the marking on the apparatus referred to in Annex VII, paragraph 5, to potential restrictions or requirements for authorisation of use of the radio equipment in certain Member States. Where it concerns telecommunications terminal equipment, such information shall be sufficient to identify interfaces of the public telecommunications networks to which the equipment is intended to be connected. For all apparatus such information shall be prominently displayed.”



**ELECTRONIC TECHNOLOGY SYSTEMS
DR. GENZ GMBH**

COMPETENT BODY ACCREDITED TEST HOUSE

CERTIFICATE OF CONFORMITY

EU R&TTE - DIRECTIVE 1999/5/EC -

This certifies that the following designated product

**WEATHER STATION TRANSMITTER UNIT FOR WS1600
MODEL NO. : TX22 + TX23 + TX26**

.....
(Product identification)

complies with the essential protection requirements of R&TTE Directive 1999/5/ EC and of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to *electromagnetic compatibility*.

This certificate is awarded following tests carried out on samples of the product referred to above. Assessment of compliance of the product with the requirements relating to electromagnetic compatibility was based on the following standards :

**EN 301 489 - 1: V 1.5.1
EN 301 489 - 3: V 1.4.1**

.....
(Identification of regulations / standards)

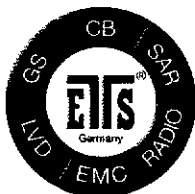
This certificate is issued for

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15745 WILDAU, GERMANY**

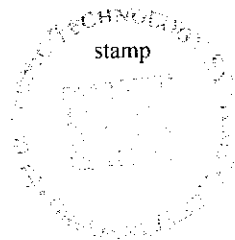
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(Name / Address)

**THE CERTIFICATION IS VALID ONLY IN ACCORDANCE WITH THE TEST REPORT NR. G0M20511-9968-E-11
THE CONFIRMATION IS VALID ONLY IF THE PRODUCT IS MANUFACTURED IN ACCORDANCE WITH THE TESTREPORT**

GS LVD E/e-MARK FCC GSM UMS CE-MARK SAR RADIO CB EMC DECT WLAN 3G Bluetooth R&TTE



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December 08, 2005

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