

# BOOKING FORM PEDELEC, E-BIKE and E-CARGOBIKE TEST

Test session: Spring 2016

Presented by:

 ExtraEnergy  
Pedelec & E-Bike Magazin(e)

**Special-E**  
Das Magazin für alternative Mobilität

**15%**

EARLY BOOKING  
DISCOUNT  
until 31<sup>st</sup> January  
2016

## DEADLINES FOR SPRING 2016 TEST

**by 6<sup>th</sup> April**

Delivery of pedelecs and e-bikes

**by 20<sup>th</sup> April**

Delivery of cargo bikes

**by 11<sup>th</sup> April**

Riding tests, including off-road and ergonomics tests, followed by cargo bike ride testing

**by 21<sup>st</sup> April**

Registration for re-publication

## THE EXTRAENERGY PEDELEC, E-BIKE AND E-CARGOBIKE TEST

**ExtraEnergy has been testing pedelecs and e-bikes as an independent organisation since 1992, a unique track record in the pedelec and e-bike industry. The prestigious ExtraEnergy Test rating labels are recognised certificates of test performance, marking out excellent products and providing recommendations for end users. Up to 40 vehicles take part in these tests twice a year. So it's no surprise that places are in high demand.**

### **Riding test – Ergonomics test – Offroad Test**

Until recently, the “ExtraEnergy Pedelec, E-Bike and E-Cargobike Test” consisted of two rigorous test phases, each carried out under real world conditions. Now, in the newly introduced Offroad Test, mountain bikes will be ridden by at least five experienced mountain bikers around a set single-track circuit.

Riding tests in Tanna are conducted using unique, specially developed measurement equipment. Values for range, power assist levels, drive efficiency, average speed and many other parameters are determined. Then as many testers of both genders as possible test the everyday practicality and intuitive usability in the Ergonomics Test.

### **The Results**

The results will be published in the general readership magazine ‘Special-E’ and on the greenfinder.de website. Additionally, the test reports will be published by ExtraEnergy e.V. in Chinese, English and German languages on their website at ExtraEnergy.org and in the ExtraEnergy Magazine.

### **Test results / Test rating labels / Test track**

As a test participant, you will receive the results in a written report. If your vehicle has achieved a “Very Good” or “Test Winner” rating we will offer you the opportunity to present these vehicles at the TestIT Show. The TestIT Show travels around events and trade shows in Germany and Europe, and provides end users with the opportunity to test-ride your pedelecs and e-bikes.

*We look forward eagerly to trying your latest products and would be delighted to assist with any queries. You will find full details of the Test, and how to register for testing, on the following pages.*

## SERVICES OVERVIEW: SPRING TEST 2016

ExtraEnergy Test GmbH offers you:

### **Testing of pedelec(s) and/or e-bike(s) over three test phases + the Offroad Test.**

- Ergonomics test (everyday practicality/intuitive ease of use) by as many testers as possible, in Tanna, Germany
- Monitored test runs with on-board datalogging technology and multiple test riders on the test circuit in Tanna.
- Off-road test with at least five mountain bike test riders on a singletrack set circuit, including both uphill and downhill sections.

### **Logistics for the test bikes, from delivery/handover**

#### **Wide-ranging publication of test results**

- PR and press activities to accompany the testing
- Production of product test reports in German, English and Chinese.
- Publication in print and online at ExtraEnergy.org
- Publication in “Special-E - The Magazine for alternative Mobility”.
- Reportage in other media about the Test, and re-publication in collaboration with other magazines (not guaranteed, as dependant on media partners).

### **Detailed test results and support**

- Detailed test results for your internal use
- Personal support from our technical team
- Also available for booking: analysis of the results for areas with potential for improvement

### **Exhibition of test vehicles with product reports**

- Travelling exhibition display at trade shows, conventions and other events
- Space in the permanent exhibition of the ExtraEnergy LEV collection in Tanna.

### **Free of charge entries in the ExtraEnergy Dealer Directory for your dealers.**

## We need from you as a manufacturer:

- Delivery of one sample of each product to be tested by the 6<sup>th</sup> April 2016 at the latest to: ExtraEnergy Test GmbH, Koskauer Str. 100, 07922 Tanna, Germany**
- Payment of the full amount on the invoice which will be sent to you once your registration is received.**

## Discounts

### Early booking discount

For booking the ExtraEnergy Special Test by the 31<sup>st</sup> January 2016 - **15%**

### Reduced rates for bookings by the 10<sup>th</sup> March 2016

Participation with one test product € 3.600  
 Participation with one additional test product € 3.100  
 Participation with one additional test product € 2.600

**Please note:** early booking and bulk discounts are valid for the Spring test only.

### **ExtraEnergy Pedelec and E-Bike Test 2016** **€ 3.650**

This offer includes test riding with datalogging technology in Tanna and the ergonomics test for practical use. The results will be published in the ExtraEnergy Magazine and in other media in print and online.

Product name

Model

### **ExtraEnergy Special Test 2016** **€ 3.450**

**Spring: E-cargobikes.** This offer includes test riding with datalogging technology in Tanna and the ergonomics test for practical use. The results will be published in the ExtraEnergy Magazine and in other media in print & online. Disposal of the test bike after the test (→ point 2, paragraph 2 in terms of contract) is not obligatory at the special test. Preview for Autumn: folding pedelecs.

Product name

Model

### **ExtraEnergy Pedelec and E-bike Prototype Test 2016** **€ 2.900**

This offer includes test riding with datalogging technology in Tanna and the ergonomics test for practical use.

Test results may optionally also be booked in for publication in the ExtraEnergy Magazine and in other media in print and online. **€ 900**

Product name

Model

### **ExtraEnergy Test for prototypes with individual analysis** **€ 2.900 / day**

This offer is available during the time period of the Spring Test 2016 and includes test riding with datalogging technology in Tanna. Evaluation of similar drive systems is available by arrangement and in consultation with the ExtraEnergy board, at an hourly rate of € 150 / hour plus travel costs if applicable. This prototype test is offered from 3 days upwards.

### **Repeat publication for an already tested product:** **€ 950**

This offer is valid for products which have already been already tested by ExtraEnergy in Autumn 2015, and which will also be available on the market in 2016 in the same form and specification and with the same settings. New test vehicles are not required.

**Please note that the test results could be different from the previous ones, as the test vehicles are judged relative to the latest models.**

Product name

Model

## Additional products

If you would like to have more than one product tested or republished, please note this here.

Test

Re-publication

Product name

Model

Test

Re-publication

Product name

Model

**Please also note the requirements, information and specifications set out in the following pages.**

**Adress:**

**Tel / Fax:**

**E-Mail:**

**www:**

Test bike:	<input type="text"/>
Type (pedelec or e-bike)	<input type="text"/>
Price of complete vehicle (€):	<input type="text"/>
Battery price (€):	<input type="text"/>
Approved overall weight (kg):	<input type="text"/>
Max. approved load (kg):	<input type="text"/>
Drive system (W, brand, type):	<input type="text"/>
Sensor type:	<input type="text"/>
Battery:	<input type="text"/>
Battery status display:	<input type="text"/>
Frame:	<input type="text"/>
Sizes:	<input type="text"/>
Fork:	<input type="text"/>
Gears:	<input type="text"/>
Brakes:	<input type="text"/>
Wheels (f/r)	<input type="text"/>
(Rim/Hub)	<input type="text"/>
Tyres:	<input type="text"/>
Lights (f/r):	<input type="text"/>
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Extras:	<input type="text"/>

**Your company address**

Company

Street

Postcode

City

Country

Phone

E-mail

European VAT number

**Your contact person – booking and administration**

First name

Surname

Phone

E-Mail

**Your contact person – technical support**

First name

Surname

Phone

E-Mail

## VEHICLE(S)

To ensure your product undergoes all of the tests, you must deliver your vehicle (in a medium frame size) by the 6<sup>th</sup> April 2016 to ExtraEnergy Test GmbH in Tanna. Test vehicles should be supplied to ExtraEnergy Test GmbH (Koskauer Str. 100, 07922 Tanna) in the same condition as they would be delivered to dealers or end users. If your product comes in different models, such as frame versions, frame sizes or specifications, as in for example 'Sport' and 'City' versions, you are warmly invited to submit these. Variations of one and the same product are counted for these purposes as the same product.

## EXCLUSION CRITERIA

Because the Test can only be conducted in a narrow time frame, so that whole field of bikes is tested under the same conditions, as ExtraEnergy Test GmbH we have defined clear criteria according to which the test may be ended prematurely. The following conditions will lead to premature termination and hence exclusion of the vehicle from the test:

- Late delivery the test bike, in this case after the 6<sup>th</sup> April 2016, to ExtraEnergy Test GmbH in Tanna.
- Failure of the bike during test riding, if the failure cannot be remedied within 24 hours by you as manufacturer or by your service staff.
- Any failure which causes the loss of more than two days of testing.
- Insufficient battery capacity. Each vehicle must be able to complete the test circuit at least once at full power assist setting. Should the vehicle be designed with swappable batteries, enough extra batteries must be supplied so that they can be carried by the test riders.
- Any attempt at fraud will lead to immediate expulsion. ExtraEnergy Test GmbH reserves the right to publish this as the reason for the withdrawal.
- If fewer than five test riders from ExtraEnergy Test GmbH are able to complete the testing with the bike (because e.g. the frame is much too large, or too small, etc.)

## PUBLICATION OF THE RESULTS

The test results for all of the vehicles under test will be published across various media. We will compile the results for each vehicle for you in the form of a 'product report'.

Publication of the test results and corresponding press work are included in the Test. The ExtraEnergy service includes:

- Compilation and publication of your product reports in German, English and Chinese
- The product report includes product and close-up photos, a detailed text product description, all measurement results (numerical and graphical) and your manufacturer details on model variants, prices and contact information.
- Publication of the test results in the ExtraEnergy Magazine and in additional media, online and in print, plus special

editions for trade shows.

- Publication of the product report on [www.extraenergy.org](http://www.extraenergy.org) as a free download version.
- Free of charge entries in the ExtraEnergy online dealer directory for your dealers.
- Reportage about and evaluation of the Test at [www.ExtraEnergy.org](http://www.ExtraEnergy.org) and in the ExtraEnergy newsletter.
- Long term exhibition of your products (if they are among the best three bikes in a product category) at the LEV Education Centre in Tanna, with the possibility for groups of visitors to test ride them on open days by prior arrangement.

## PRICES

All prices from ExtraEnergy Test GmbH are net prices (excl. VAT) and given in Euro (EUR). On booking the test your vehicle will undergo all of the tests (ergonomics test and instrumented test riding), assuming on time delivery of the test vehicle. Should you require additional riding tests, for example rides in a particular mode, or with a different version of the battery etc., please do not hesitate to contact us and we will be delighted to give you a quotation. Online publication of test results and press work relating to the test are included in the price.

## PAYMENT

This is due immediately, and at the latest by 11<sup>th</sup> April 2016. If payment is not received ExtraEnergy Test GmbH reserves the right to withhold all information about preliminary test results and/or to reassign your reserved testing place.

## AFTER THE TEST

In case test results are questioned by the manufacturer or another actor in the market, test vehicles must remain at ExtraEnergy Test GmbH for 12 months after first publication of the test results. Only in this way can any test be repeated, if necessary with legal oversight, with the original test bike, to clarify any doubts or ambiguity. Excluded from this are cargo bikes, which will go back to the manufacturers before this 12 month period expires. Re-checking of their test results will therefore not be possible.

## CONTACTS

Should you have any further questions about the Test, please contact **Uwe Keilhauer**

Tel.: +49 (0) 36646/32980

eMail: [uwe.keilhauer@extraenergy.org](mailto:uwe.keilhauer@extraenergy.org)

**Hannes Neupert**

eMail: [hannes.neupert@extraenergy.org](mailto:hannes.neupert@extraenergy.org)

## CONTACT E-CARGOBIKES

**Arne Behrensen**

eMail: [arne.behrensen@cargobike.jetzt](mailto:arne.behrensen@cargobike.jetzt)

**Wasilis von Rauch**

[wasilis.vonrauch@eradhafen.de](mailto:wasilis.vonrauch@eradhafen.de)

## THE TEST PROCESS IN DETAIL

### ERGONOMICS TEST

For the ergonomics test, interested volunteers will test the bike at various stations for different everyday usage situations, without access to the user manual to assist them.

- Removing the battery (if possible for the vehicle)
- Finding the matching charger from among many
- Fitting the battery
- Carry the vehicle up and down a stairway with five steps.
- Lift and secure the vehicle onto two different car rear bicycle racks
- Lift the vehicle onto a platform (simulates loading into a van, or getting onto a train)
- Adjust the vehicle ergonomics (for rider height and preferences)
- Switch motor on
- Set ride mode
- Ride test circuit and make notes on:
  - Assist power from the motor
  - Noise level from the drive
  - Ride quality without motor assist
- Switch off
- Overall evaluation of the impression left by the vehicle
- Classification of the test bike into vehicle types (such as Easy Pedelec, Tour Pedelec etc.)

### RIDING TEST

The test will normally be carried out in maximum assistance mode and with a single battery configuration/battery technology.

The riding takes place on the test circuit which we have specially designed and selected. To test the vehicles under varied, everyday conditions, the test circuit is divided into numerous sections (Tour, Hills, City) which place differing demands on vehicle and rider. During the instrumented test rides, which are carried out with at least six test riders, all relevant data for the evaluation of the drive system is logged using specially developed measurement technology.

#### Sections:

- Tour: moderate climbs and varying surfaces: rural roads, gravel tracks, forest tracks
- Flat: for determining starting and ride performance of test bikes on the flat
- Hills: ca. 1 km long with a moderate gradient averaging 5% (3% to 9%).
- City: stop and go riding with stopping points.
- Hill start: starting off on a hill with an average gradient of 12% (8-15%).
- Motor off: to determine the ride quality of the test bike without motor assistance.

### OFFROAD TEST

This additional test will be ridden on a separate test circuit by at least five experienced mountain bikers. Test rides will take place on a cross-country circuit with various different sections: Abschnitt:

#### Sections:

- Cross-country section with various ups and downs, totalling 7 km
- The route has a variety of surfaces including gravel, woods and forest tracks
- Multiple aspects will be evaluated including for example handling, usability, gear-shifting, suspension.
- The test results will influence the rankings in the Offroad category.

## TERMS OF THE CONTRACT

Definitions: ExtraEnergy Test GmbH will henceforth be referred to as the ORGANIZER. Similarly, all manufacturers, manufacturers' representatives, importers and dealers in pedelec, e-bikes and e-scooters, who are participating in the test will be referred to as MANUFACTURERS.

### 1. Application and Confirmation

You confirm your binding participation by returning the fax response form, filled out and signed with a legally valid signature. The test and exhibition contract becomes effective for the ORGANIZER as soon as payment as specified in Section 3 below is received, and if we have not declined your participation within one week.

### 2. General Terms of Contract

The list of services and information included in the registration documents for the ExtraEnergy Test are part of this test and exhibition contract. The ORGANIZER is responsible for the conception, layout and documentation of the test and exhibitions.

A test vehicle will be made available to the ORGANIZER by the MANUFACTURER. The test vehicle will remain at ExtraEnergy Test GmbH for at least 12 months after the first publication of the test results. If the vehicle is one of the 3 best vehicles in a product group, the vehicle will go on permanent loan in the care of the ExtraEnergy Association. ExtraEnergy e.V. is authorized to use the test vehicle for test rides, testing, and exhibitions in compliance with the constitution of the Association.

The ORGANIZER will send the test results to the MANUFACTURER for viewing, before publication. The MANUFACTURER then has the opportunity to make changes to their address and product prices, and these will be implemented by the ORGANIZER. After the test results have been sent, the MANUFACTURER will have for two weeks the option to decide against publication of the test results. If doubts arise about the test results which are credible to the ORGANIZER, the test or parts of it will be repeated to clarify any such doubts. Otherwise, there is the option of repeating the test with the MANUFACTURER, or their nominated representative, present; in this case the MANUFACTURER will bear the cost of the repeat test. If failures occur on the test vehicle, the MANUFACTURER is obliged to repair these if present, or to send replacement parts as a matter of urgency, and to cover any repair costs which may be incurred.

### 3. Invoice and payment terms

Following receipt of your fax registration you will receive an invoice for the total cost. This total cost is due for immediate payment, and at the latest within the payment period specified. The terms specified on the form apply for this payment. Otherwise, the ORGANISER reserves the right to reassign the relevant test space.

### 4. Contract withdrawal, claims for damages

The ORGANIZER may withdraw from the Test or component exhibition in the following cases:

- If there are not enough MANUFACTURERS taking part in the test, or the exhibition.
- If the event venues withdraw their existing agreements for the various special exhibitions.

In these cases any payments made by the MANUFACTURER will be refunded. Further consequential claims are excluded. If the MANUFACTURER does not complete the payment due as agreed in the contract, the ORGANIZER is entitled to withdraw from the contract immediately without further notice. In this case the MANUFACTURER has no claim for the refund of any previously made payment which may have occurred. Please note all of the details given in the description of services. Because the ORGANIZER carries out the test and the special exhibition exclusively for ideological reasons, all claims for damages by the MANUFACTURER against the ORGANIZER for any procedural deficiencies during the test, or the exhibition, or for damages to exhibited articles, are excluded. Not excluded are claims of damages for intentional or grossly negligent actions. The MANUFACTURER may withdraw from the contract with the agreement of the ORGANIZER. The ORGANIZER will issue this agreement if they can find an appropriate replacement exhibitor.

### 5. Miscellaneous

All alterations or additions to this contract must be in written form to have legal effect. German law applies, and the German court of law where the ORGANIZER has his registered address has jurisdiction. The place of performance for all actions to do with the test is the place where the test was conducted. For all other actions the place of performance is the registered address of the ORGANIZER. If legal proceedings are brought, the original contract in German (available on request) shall take precedence.

## CONDITIONS AND SIGNATURE

Please note all of the requirements, conditions for participation and contractual terms as described in this document. I have understood all of these and hereby accept them as legally binding. Every registrant acting on behalf of a third party herewith accepts the he/she is personally liable for liabilities to ExtraEnergy Test GmbH in regard to the current test.

[Redacted]

Date and Company Location

[Redacted]

Company

[Redacted]

Name

**Please send the completely filled-out form to:**

**E-Mail: [test@ExtraEnergy.org](mailto:test@ExtraEnergy.org)**

**Fax: +49 (0) 366 46 27 095**

**Post: ExtraEnergy Test GmbH  
Koskauer Straße 100  
07922 Tanna, Germany**

With the submission of your registration (by e-mail, fax or post) the order becomes binding and you acknowledge our general terms and conditions of business.