

# eROCKIT®



**The Human Hybrid®  
PRESSKIT**

## What is eROCKIT?

**The eROCKIT is the absolute upgrade of a bicycle:** rapid, electric acceleration and intuitive, pedal-controlled operation paired with an award-winning design. The Human Hybrid® drive enables unprecedented interaction with the vehicle. Maximum emotions and driving pleasure combined with great innovative power and sustainability.

**Sustainable mobility for a better quality of life:** With a top speed of 100 km/h (62 mph) and a battery range of +130 kilometers, (+80 miles) it is the ideal vehicle for everyday life. Emission-free and quiet. Reach your destination faster and more relaxed.

Perfect driving dynamics and impressive road holding. Best and certified processing "Made in Germany". Of course with official road approval.

**The special functionality of the eROCKIT is based on muscle power multiplication:** The eROCKIT electronics registers the force exerted by the driver and multiplies it many times over. Accordingly, the user experiences a breathtaking forward thrust when pedaling and this with comparatively minimal effort.



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## Factsheet eROCKIT One (2023)

Vehicle class:	Electric motorcycle (light motorcycle / L3e / 125cc category)
Driver's license	A1 (125cc class)
Motor:	New technology forced air cooled, highly efficient, brushless permanent magnet synchronous Peak power: 16 kW / 22 HP Continuous power: 5 kW / 7 HP Transmission: clutch-free with HTD Belt Drive
Battery:	52 Volt Lithium Ion Battery Capacity: 7,5 kilowatt hours
Charger:	external Plug-In-Charger, 230VAC Input voltage with CEE7/7 Plug
Charging time:	20% -> 80% SOC: 3 hours, 0% -> 100% SOC: 6 hours
Range:	130+ km (+80 miles)



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Chassis:	Frame: aluminum frame Wheelbase: 1440 mm Front suspension: adjustable 37mm Upside-Down-Fork Rear suspension: 203 mm shock absorber with adjustable preload Front Suspension travel 124 mm Rear suspension travel 128 mm
Brake:	Front brake/ABS 300 mm disc brake, 4 piston radial mount caliper Rear brake/ABS 220 mm disc brake, 2 piston caliper
Wheel:	Front wheel: 1.85x17"aluminum 5-spoke wheel with 80/100-17 K80 tire Rear wheel: 2.50x17"aluminum 5-spoke wheel with 100/90-17 K80 tire
Weight:	130 kg
Maximum payload:	120 kg
Top speed:	100 km/h (62 mph)
Price:	from 12.900 € incl. VAT



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# 10 facts about the eROCKIT

## 1. Why does the eROCKIT have pedals?

The eROCKIT is like riding a bike on a whole new level. It is used intuitively. The speed of the vehicle is regulated using the pedals. A movement that we have all known from cycling since early childhood and that we are now experiencing in a new dimension.

## 2. What is special about the eROCKIT drive?

The eROCKIT is characterized by the human hybrid drive. The electronics register the muscle power used and multiplies it by a factor of +50. Within seconds you can accelerate to 100 km/h (62 mph) with just a few steps on the pedals.

## 3. How is the driving experience?

Thanks to the special drive technology, the eROCKIT has dynamics and agility like no other two-wheeler. It unfolds a special magic. A feeling that inspires body and soul. A new, impressive driving experience.

## 4. Which vehicle class does the eROCKIT belong to?

The eROCKIT is an electric motorcycle (vehicle class L3e / 125 cc category / light motorcycle). Helmets are compulsory.

## 5. What driver's license do you need?

You need a category A (A1 or A2) driver's license, the B196 car driver's license extension or an older car driver's license (class 3) issued before April 1, 1980. (rules in other countries may apply)

## 6. Where can you ride this bike?

Fun fact: Yes, eROCKIT is actually the only vehicle that you can legally "cycle" on the autobahn. The bike is approved for road traffic, has a large number plate and can be driven on all public roads and motorways. The sidewalk, bike or hiking trails are of course taboo.



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## **7. What is the range per battery charge?**

The lithium-ion battery has a capacity of 7.5 kilowatt hours and is enough for +130 kilometers (75 miles). A charge at the household socket from 20% until 80% battery capacity takes 3-4 hours. Incidentally, a ride of about 100 km is less than 2,50 Euro in energy costs. With electricity from your own solar cell, it becomes even cheaper.

## **8. What advantages does the eROCKIT offer?**

eROCKIT is sustainable and environmentally friendly, it runs emission-free, is quiet, very safe and healthy. In contrast to other motorcycles, you interact with your bike. An easy movement that has a positive effect on the cardiovascular system and the psyche. Low acquisition, maintenance and upkeep costs. Motor vehicle tax exemption and low insurance premiums.

## **9. What does the eROCKIT cost?**

With a sales price of 12.900 Euros, the eROCKIT is one of the best priced electric motorcycles "Made in Germany". Special features: multiple award-winning design, modern brushless permanent magnet synchronous motor (power 16 kW) low-maintenance belt drive, stylish aluminum frame, carbon applications, customizable fork, modern LED lighting.

## **10. Who is behind the eROCKIT?**

eMobility pioneer Andy Zurwehme founded eROCKIT Systems. Next to him is an international team of motorcycle experts. Markus Leder (graduate engineer, formerly Pininfarina Germany) is responsible for production and quality assurance as COO, Rowan Smith (CTO) has already built the fastest motorcycles in the world and worked for KTM and Suzuki. With the founding of eROCKIT AG, a German stock company, the company opened up to the community and started its first public share issue.



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## Team



### **ANDREAS ZURWEHME | Founder eROCKIT Systems & Chairman eROCKIT AG**

Andy became first time entrepreneur in the age of 21, setting up a machinery company in extrusion manufacturing. Then he spent several years in sales within automotive, engineering and manufacturing, before he left for Palo Alto. He became Country Manager and International Marketing Manager at Dialog Information Services with its president Roger K. Summit. Back in Germany 1999 he founded AtVision (Europe's largest webTV company). Then he worked as interims manager and consultant in Switzerland, USA, Thailand, China, UK and Germany. In 2009 he started to consult companies in e-Mobility, whereas his idea of disrupting the century aged combustion engine field came across by taking over the eROCKIT concept. He has a large network in politics and economy.



### **MARKUS LEDER | Chief Operating Officer eROCKIT Systems GmbH**

He has 30 years automotive experience and is responsible for the entire production. Markus has proven his expertise in management positions at various companies, e.g. IVM and Bertrandt. At Faurecia he was program manager for the development of the of the BMW X5 cockpit and responsible for DaimlerChrysler projects as a Senior Program Manager. At SAS Automotive he was Vice President Engineering, later the main department head for the development of a vehicle interior at the Chinese EV vehicle manufacturer Thunder Power. As head of development at Pininfarina Germany he was responsible for a team of +150 engineers in recent years. He is a passionate motorcyclist and says: "In the world of electro mobility, the intelligent and intuitive drive of the eROCKIT is something absolutely new. Our vehicle is fascinating, healthy, sporty and a great innovation."



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### **ROWAN SMITH | Chief Technology Officer eROCKIT Systems GmbH**

Since 25 years Rowan works in various areas of motorcycle engineering. He started his career in the motorcycle prototype development at Hunwick Hallam Motorcycles, Australia. The Hallam Superbike was considered as one of the fastest bike in the world at that time. He was a technical team member of a Honda racing team. Then he served in various positions at famous motorcycle brands such as Suzuki, Husqvarna and KTM where he also did the technical training for the KTM electrical motorcycle. He owns the high voltage maintenance certificate, is certified motorcycle test driver and technical diagnosis professional.



### **RICHARD GAUL | eROCKIT AG supervisory board member**

His wealth of experience is unique, and his advice is first-class. Richard Gaul became aware of eROCKIT at the development stage because he is convinced that this incomparable vehicle will cause a sensation in the e-mobility industry. The long-standing head of communications at BMW, consultant to Volkswagen, the ADAC and other well-known DAX companies, is an independent communications and investment consultant with an international network in many industries, industrial and commercial sectors. Gaul is Senior Counselor of the American Academy in Berlin, member of the Senate of acatech (German Academy for Technical Sciences), member of the Senate of the Federal Association for Economic Development and Foreign Trade and Chairman of the Board of the "Industrieclub Potsdam".







**Dr. MATTHIAS BÖLKE | eROCKIT AG Advisor**

He has been active in the fields of robot research, automation, energy management and digitization for 30 years. Matthias Bölke held several international management positions at Square D, Telemecanique and Schneider Electric. Today he is VP Strategy Industrial Automation at Schneider Electric in a global position. He is involved in several boards and industrial committees, is chairman of the board of the recently founded Industrial Digital Twin Association (IDTA) and lives in Berlin.



**DANIEL KRAUS | eROCKIT AG Advisor**

A technology pioneer with over 20 years of experience in software & hardware, Daniel Kraus was introduced to eROCKIT in 2015, and immediately became enthralled at the potential held by both the eROCKIT vehicle and the underlying technology. A licensed pilot, his passion for electric vehicles has grown into a multi-year relationship with eROCKIT, and he's eager to help the company along its path to success in the electrified vehicle market. Daniel is currently CEO of Threshold360, a leading SaaS Platform for Virtual Tour Creation and delivery. He previously held senior leadership positions at Microsoft, Nokia, and a range of successful startups, including two that he co-founded. He holds a Bachelor's in Physics and a Master's in Philosophy from Fordham University, as well as Graduate Certificates in both Quantum Computing & Artificial Intelligence from MIT.



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## Prominent German Shareholders

### **MBG Berlin-Brandenburg | Shareholder**

MBG is partner and shareholder. Since founded in 1993, MBG has invested more than 196 million euros and is currently invested in more than 220 companies.

As Managing Director of MBG, Dr. Milos Stefanovic supports eROCKIT with his expertise and a large network in politics and business.



### **MAX KRUSE | 1st League Soccer Player & Shareholder**

The 14-times national team player was born in Reinbek (Schleswig-Holstein / Germany) in 1988 and has since played for many well-known German Bundesliga Teams such as Werder Bremen, FC St. Pauli, SC Freiburg, Borussia Mönchengladbach, 1. FC Union Berlin and VfL Wolfsburg. Internationally, he played for Fenerbahçe Istanbul 2019/20.

### **AARON TROSCHKE | Entrepreneur & Shareholder**

He is a passionate motorcyclist, entrepreneur, content marketing professional and one of the top influencers in Germany with over 1.3 million followers on YouTube. Aaron Troschke became famous by participating in the German edition of “Who Wants to Be a Millionaire?” in 2012. After that, his rapid media career began as an entertainer, web video producer and founder of ReachHero, Germany's largest online marketplace for influencer marketing (exit in 2020).



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## eROCKIT AG

**“The climate targets and the increasing worldwide bans on vehicles with internal combustion engines offer an unprecedented opportunity for new players in the market. The legal form of a stock corporation is ideal for accepting further investors on the capital market and meeting the high demand more quickly,”**  
explains Andreas Zurwehme, Chairman of eROCKIT AG.

eROCKIT AG is now open to new investors and intends to go public on a stock exchange in the future.

<b>Founded:</b>	2021 (holds 100% of the shares in eROCKIT Systems GmbH)
<b>Chairman:</b>	Andreas Zurwehme
<b>District Court:</b>	Berlin Charlottenburg
<b>Company Registration Number:</b>	HRB 231453B
<b>ISIN:</b>	DE000A3MQC70
<b>WKN:</b>	A3MQC7



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## Download photo- & video footage:



<https://we.tl/t-ehibmePXBK>

Video-Footage for TV und WebTV

eROCKIT Production

eROCKIT riding on the Autobahn

Interview Max Kruse (German language)



<https://we.tl/t-fxQ5tywRta>

PHOTOS: Cruising through the city  
of Berlin with eROCKIT



<https://we.tl/t-uIJF9GEjPz>

PHOTOS: eROCKIT on the  
Autobahn

## Websites:

eROCKIT AG [ag.erockit.de](https://www.erockit.de)

eROCKIT Systems GmbH [www.erockit.de](https://www.erockit.de)

## Press:

[Newsroom](#)

## Social Media:

[Facebook](#) international

[Facebook](#) national

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