

# "Certified by Bosch" certificate

MACINA CITY 820 XL



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## Certificate information

**Created by**

Rebike Mobility GmbH

**Certificate ID**

7c91c410-f0a6-4064-a705-87bb1d6f939f

**Created on**

8/5/2026

**Overall rating**

5/5



## eBike information

**Model**

MACINA CITY 820 XL

**Brand**

KTM

**Model year**

2025

**Total distance**

151 km

**Frame number**

KS240948161

## Registration

**eBike reported stolen**

No

**Components locked**

No

**Components registered**

No

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## eBike components and system



**Drive unit**  
Performance Line CX

No errors detected

★★★★★

**Product code**     BDU3840  
**Serial number**    47726-0652-82-300-00-0000  
**Distance traveled** 151 km  
**Tuning detection**   No



**Battery**  
PowerTube 800

No errors detected

★★★★★

**Product code**     BBP3880  
**Serial number**    53902-1056-13-797-5E-OZ58  
**Charging cycles**   2  
**State of health**    94%



**System and services**

No errors detected

★★★★★

**Software**            Up to date

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## Notes on the "Certified by Bosch" certificate

### Information and transparency when purchasing used pedelecs/eBikes

"Certified by Bosch" is a digital certificate for the Bosch smart system components found in pre-owned pedelecs/eBikes. It only certifies the condition of Bosch components such as battery, drive unit, and other system components, like ABS, based on specific objective values. However, it does not provide a fundamental assessment of the condition of the individual components.

Additionally, theft information is displayed – which can be authenticated using a QR code.

The certificate is created and issued by Robert Bosch GmbH without involvement from external third parties.

## Verification of serial numbers

The serial numbers of the components installed in the eBike must match the serial numbers on the corresponding certificate!

The serial numbers listed on this certificate can be checked against the eBike as follows:

|                                |                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>On the component itself</b> | The respective serial number is physically attached to the corresponding Bosch component.                                   |
| <b>About the eBike display</b> | The serial numbers can be viewed in the display menu.                                                                       |
| <b>Via the eBike Flow app</b>  | In the eBike Flow app, the installed Bosch components, including their serial numbers, are displayed (Settings/Components). |

## Scope and limitations of the certificate

The certificate documents the condition of Bosch components, including battery, drive unit, and other system components, at the time of certification based on specific objective values. The assessment is based solely on the technical condition recorded at the time of the check and does not take into account subsequent changes that can occur due to use, aging, external influences, repairs, or improper handling. Optical defects of the Bosch components do not form part of the assessment. The assessment is based solely on the read-out values. Therefore, it is not a generally binding assessment of the condition of Bosch components or the Bosch system. No statements are made about the condition of the bicycle as a whole.

Even with low usage, relevant errors can lead to a lower rating. If these are fixed, a better rating is possible. Existing errors are listed transparently.

The assessment is also based on the categorization shown below:

### ★ ★ ★ ★ ★ Like new

The following analyses contribute to the assessment:

- Drive unit: It has been evaluated based on its previous use (e.g., mileage and output). No relevant errors are stored.
- Battery: It has been evaluated based on its remaining capacity and number of charge cycles, among other factors. No relevant errors are stored.
- System: The software has been checked to ensure it is up to date. No relevant errors are stored in the system.

Summary: The Bosch system is in like-new condition.

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## ★★★★☆ Low usage

The following analyses contribute to the assessment:

- Drive unit: It has been evaluated based on its previous use (e.g., mileage and output). Any stored errors have been considered.
- Battery: It has been evaluated based on its remaining capacity and number of charge cycles, among other factors. Any stored errors have been considered.
- System: The software has been checked to ensure it is up to date. Any stored errors have been considered.

Summary: The Bosch system shows low usage and is in very good condition.

## ★★★☆☆ Moderate use

The following analyses contribute to the assessment:

- Drive unit: It shows moderate use reflective of normal usage. Any stored errors have been considered.
- Battery: It is in good condition in terms of remaining capacity and charge cycles. Any stored errors have been considered.
- System: The software has been checked to ensure it is up to date. Any stored errors have been considered.

Summary: The Bosch system shows moderate use and is in good condition.

## ★★☆☆☆ Advanced use

The following analyses contribute to the assessment:

- Drive unit: It shows extensive use. Any stored errors have been considered.
- Battery: It is approaching its usage limits. Any stored errors have been considered.
- System: The system is functional. Any stored errors have been considered.

Summary: The Bosch system has reached a large part of its expected service life, but is still functional.

## ★☆☆☆☆ Heavy use or defect is present

The following analyses contribute to the assessment:

- Drive unit: It shows heavy use and is approaching or has already exceeded its usage limits. Relevant errors may lead to a downgrade. If these are fixed, a better rating is possible.
- Battery: It is approaching or has already exceeded its usage limits. Relevant errors may lead to a downgrade. If these are fixed, a better rating is possible.
- System: Relevant errors may lead to a downgrade. If these are fixed, a better rating is possible.

Note: For "Defective components", it is generally the case that this assessment shows deficiencies are present that have been read out based on the stored values. Repair or replacement of the component must always be considered on a case-by-case basis.

The "Certified by Bosch" certificate is an assessment issued by Robert Bosch GmbH of the condition of components manufactured by Bosch for the pedelec based on defined technical criteria. Specifically, it is not issued by a public authority or an independent testing institute.

The "Certified by Bosch" certificate has no effect on existing warranty or guarantee claims.

The certificate is limited to the Bosch system and makes no statements about the condition of the bicycle as a whole.

The certificate also does not represent a complete technical inspection of the Bosch components. It does not replace individual advice from a specialist dealer or a test ride, which is highly recommended before a purchase. Possible consequential damages, such as from previous moisture or water exposure, may have delayed effects and may not be detected within the technical evaluation conducted at the time of the check.

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## Legend

|                              |                                                                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>eBike reported stolen</b> | A cross-check against the Bosch database for stolen eBikes. "No" means that the eBike was not reported stolen at the time of the check. This reduces the risk of buying a stolen eBike.                                                                                   |
| <b>Components locked</b>     | Some parts (e.g., the drive unit) may have been locked by the previous owner and will only function fully after unlocking. If a part is locked, it must be unlocked by the seller before the new owner can use updates or services.                                       |
| <b>Components registered</b> | Indicates whether the components of the eBike are registered and linked to an eBike Flow app account at the time of the check. Registered components must first be deregistered before the new owner can use them.                                                        |
| <b>Distance covered</b>      | The total mileage or odometer reading of the drive unit. This provides information on how far the drive unit has been ridden. If the drive unit has been replaced, the value may not reflect the complete history of the eBike.                                           |
| <b>Tuning detection</b>      | Indicates signs of software or hardware changes that increase motor performance or bypass speed limits. Tuned eBikes can be illegal to sell or to ride on public roads and may void warranties or have implications for insurance cover.                                  |
| <b>Charging cycles</b>       | The number of complete charge cycles that the battery has undergone. A high number of charge cycles affects the capacity and state of the battery. This helps to estimate the age of the battery and its remaining service life.                                          |
| <b>State of health</b>       | Indicates the percentage of currently usable battery capacity compared with the original capacity when new. This percentage is influenced by factors such as the age of the battery, the number of charge cycles, operating temperature, and the type of use and storage. |