

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. Zhang Zhijiang / Manager
hereby certifies that the following complete vehicle:

- 0 1. Make (trade name of the manufacturer): Graf Carello
- 0 2. Type: S4.DC (CV * Type): N.A.
- 0 2.1. Variant: 00 (CV * Variant): N.A.
- 0 2.2. Version: 00 (CV * Version): N.A.
- 0 2.3. Commercial name (if available): LVTONG (CV * Commercial name (if available)): N.A.
- 0 3. Category, subcategory and sub-subcategory of vehicle: L7e-CP (CV * Category, subcategory and sub-subcategory of vehicle): N.A.
- 0 4. Company name and address of manufacturer:
Guangdong Lyvong New Energy Electric Vehicle Technology Co., Ltd.
Hexi Industrial Park, Hongmei Town, Dongguan City, 523159 Guangdong Province, China
- 0 4.2. Name and address of manufacturer's authorized representative (if any):
GRAF CARELLO GMBH
Nestelbach 778262 Ilz, Austria
- 0 5.1. Location of the manufacturer's statutory plate(s): R, x1570, y535, z491
- 0 5.2. Method of attachment of the manufacturer's statutory plate(s): By riveted
- 0 6. Location of the vehicle identification number: R, x1293, y582, z1033
Vehicle identification number: x1293AD03M1008981*

conforms in all respects to the type described in the type-approval g9*168/2013*11797*00 (type-approval number including extension number) (CV*: N.A. type-approval number including extension number) issued on 2021-09-10 (date of issue) (CV*: N.A. date of issue) and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

Dongguan, China
(place)

2021/10/28
(date)



GDB-Eingabe am 11.10.2021 durchgeföhrt
Amt der Steiermärkischen Landesregierung

General construction characteristics

- | | | | | |
|--------|----------------------------|--|-------------|---|
| 1.3. | Number of axles: | 2 | and wheels: | 4 |
| 1.3.1. | Axles with twinned wheels: | N.A. | | |
| 1.3.2. | Powered axles: | R | | |
| 6.2.4. | Advanced braking system: | ABS- / CBS / Both-ABS and CBS- / None: CBS | | |

Main dimensions

- | | | |
|-----------|--------------------------------------|---------|
| 2.2.1. | Length: | 2868 mm |
| 2.2.2. | Width: | 1380 mm |
| 2.2.3. | Height: | 1723 mm |
| 2.2.4. | Wheelbase: | 2198 mm |
| 2.2.4.1. | Wheelbase sidecar: | N.A. |
| 2.2.5. | Track width | |
| 2.2.5.1. | Track width front: | 1170 mm |
| 2.2.5.2. | Track width rear: | 1190 mm |
| 2.2.5.3. | Track width sidecar: | N.A. |
| 2.2.10.6. | Ground clearance between the axles: | N.A. |
| 2.2.15. | Wheelbase to ground clearance ratio: | N.A. |
| 2.2.17. | Seat height: | N.A. |

Masses

- | | | |
|----------|--|--------|
| 2.1.1. | Mass in running order: | 448 kg |
| 2.1.2. | Actual mass: | 773 kg |
| 2.1.3. | Technically permissible maximum laden mass: | 998 kg |
| 2.1.3.1. | Technically permissible maximum mass on front axle: | 351 kg |
| 2.1.3.2. | Technically permissible maximum mass on rear axle: | 647 kg |
| 2.1.3.3. | Technically permissible maximum mass on sidecar axle: | N.A. |
| 2.1.7. | Technically permissible maximum towable mass: | |
| | Braked: | N.A. |
| | Unbraked: | N.A. |
| 2.1.7.1. | Technically permissible maximum laden mass of the combination: | N.A. |
| 2.1.7.2. | Technically permissible maximum mass at the coupling point: | N.A. |

Powertrain

- | | | |
|------------|---|------------------|
| 3.1.1.1. | Manufacturer: | N.A. |
| 3.1.1.2. | Engine code (as marked on the engine or other means of identification): | N.A. |
| 3.2.1.2. | Working principle of the combustion engine: internal combustion engine (ICE) / positive-ignition/compression-ignition/external-combustion-engine (EEG)/turbo-compressed-air | |
| 3.2.1.4.1. | Number of cylinders: | N.A. |
| 3.2.1.4.2. | Arrangement of cylinders: | H/V/O/S |
| 3.2.1.5. | Engine capacity: | N.A. |
| 1.9. | Maximum net power: | N.A. (CV*: N.A.) |
| 1.10. | Ratio maximum net power/mass of the vehicle in running order: | N.A. (CV*: N.A.) |
| 3.2.3.1. | Fuel type: | N.A. |
| 3.2.3.2. | Vehicle fuel combination: mono-fuel/bi-fuel/flex-fuel | |
| 3.2.3.2.1. | Maximum amount of bio-fuel acceptable in fuel: | N.A. |

3.2.1.1. Manufacturer: Wuxi hua sheng li tong Electromechanical Co., Ltd.
 Electric motor code (as marked on the engine or other means of identification):
 4.0.1.5. 40115-60V / 21013902
 4.0.1.6. 15/30 minutes power: 4.0 kW @ 2750 min⁻¹
 4.0.1.7. N.A.
 4.0.1.8. Application code (as marked on the engine or other means of identification):
 4.0.1.9. N.A.
 4.0.1.10. Electric vehicle configuration: pure electric/hybrid-electric/manpower-electric
 4.0.1.11. Category of hybrid electric vehicle off-vehicle-charging/hot-off-vehicle-charging
 4.0.1.12. Maximum assistance factor: N.A.

Maximum speed

4.0.1.13. Maximum speed of vehicle: 40 km/h (CV*: N.A.)
 4.0.1.14. Maximum vehicle speed for which the electric motor gives assistance: N.A.

Drive-train and control

4.0.1.15. Transmission (type): A
 4.0.1.16. Gear ratios: 12.315: 1
 4.0.1.17. Final drive ratio: 1:1
 4.0.1.18. Overall gear ratio in highest gear: N.A.

Installation of tyres

4.0.1.19. Tyre size designation:
 4.0.1.20. Axle 1: 145/70 R12 (69T) or 155/65R13 (73T) or 155R12C (88P)
 4.0.1.21. Axle 2: 145/70 R12 (69T) or 155/65R13 (73T) or 155R12C (88P)
 4.0.1.22. Minimum Load capacity index:
 4.0.1.23. Axle 1: 48
 4.0.1.24. Axle 2: 69
 4.0.1.25. Minimum speed category symbol:
 4.0.1.26. Axle 1: B
 4.0.1.27. Axle 2: B
 4.0.1.28. Recommended pressure:
 4.0.1.29. Axle 1: 220kPa
 4.0.1.30. Rim size:
 4.0.1.31. Axle 1: 5Jx13 or 12x3.8B or 4.00Bx12
 4.0.1.32. Axle 2: 5Jx13 or 12x3.8B or 4.00Bx12
 4.0.1.33. Sidecar wheel: N.A.

Bodywork

4.0.1.34. Door configuration and number of doors: 2L, 2R
 4.0.1.35. Number of seating positions: 4
 4.0.1.36. Location and arrangement: r1:1R, 1L r2:1R, 1L

Coupling devices

4.0.1.37. Type-approval number of coupling-device: N.A.

Environmental performance

4.0.1.1. Environmental step: N.A.
 4.0.1.2. Sound level measured according to: N.A.
 4.0.1.3. Stationary: N.A. dB(A) (CV*: N.A.)
 4.0.1.4. Drive-by: N.A. dB(A) (CV*: N.A.)
 4.0.1.5. Limit value for L_{night}: N.A. dB(A) (CV*: N.A.)
 4.0.1.6. Exhaust emissions measured according to: N.A.

4.0.1.7. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

4.0.1.8. CO: N.A. mg/km (CV*: N.A.)
 4.0.1.9. THC: N.A. mg/km (CV*: N.A.)
 4.0.1.10. NMHC: N.A. (CV*: N.A.)
 4.0.1.11. NOx: N.A. mg/km (CV*: N.A.)
 4.0.1.12. HC+NOx: N.A. (CV*: N.A.)
 4.0.1.13. PM: N.A. (CV*: N.A.)

4.0.1.14. Type II test: tailpipe emissions at (increased) idle and free acceleration:
 4.0.1.15. HC: N.A. ppm at normal idling speed and: N.A. ppm at high idle speed (CV*: N.A.)
 4.0.1.16. CO: N.A. %vol at normal idling speed and: N.A. %vol at high idle speed (CV*: N.A.)
 4.0.1.17. Smoke corrected absorption coefficient: N.A. (CV*: N.A.)

Energy efficiency

4.0.1.18. Fuel consumption: N.A. l or kg /100km (CV*: N.A.)
 4.0.1.19. CO₂ emissions: N.A. g/km (CV*: N.A.)
 4.0.1.20. Energy consumption: 90 Wh/km (CV*: N.A.)
 4.0.1.21. Electric range: 55 km (CV*: N.A.)

Conversion of the performance of the vehicle:

4.0.1.22. Vehicle appropriate for converting its performance level between subcategories (L3e/L4e)-A2 and (L3e/L4e)-A3 and vice versa: yes/no

Additional information:

4.0.1.23. Remarks: N.A.
 4.0.1.24. Exemptions: N.A.