

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. TIK LOU, Legal Person
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): XEV, X. XEV YOYO
- 0.2. Type: Y01 (CV * Type): N.A.
- 0.2.1. Variant: A0 (CV * Variant): N.A.
- 0.2.2. Version: I (CV * Version): N.A.
- 0.2.3. Commercial name (if available): XEV, X. XEV YOYO (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:
XEV S.R.L.
CORSO GIACOMO MATTEOTTI 42, TORINO (TO) CAP 10121, ITALY
- 0.4.2. Name and address of manufacturer's authorised representative (if any):
Not applicable
- 0.5.1. Location of the manufacturer's statutory plate(s): R, x 70, y 345, z 762
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): By laser printing sticker
- 0.6. Location of the vehicle identification number: R, x 841, y 230, z 117
1. Vehicle identification number: ☆ZP6Y02A01NA003116☆

conforms in all respects to the type described in EU type-approval e9*168/2013*11721*00 (type-approval number including extension number) (CV * type-approval number including extension number) issued on 17/09/2021 (date of issue) (CV * date of issue) and can be permanently registered in Member States having right/left ⁽¹⁾-hand traffic and using metric/imperial ⁽¹⁾ units for the speedometer.

TORINO, ITALY

(place)

LOU TIK

(signature)

21, 01, 2022

(date)

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 - None
- Main dimensions
- 2.2.1. Length: 2530 mm
- 2.2.2. Width: 1500 mm
- 2.2.3. Height: 1560 mm
- 2.2.4. Wheelbase: 1680 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width
- 2.2.5.1. Track width front: 1320 mm
- 2.2.5.2. Track width rear: 1320 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: 449 kg
- 2.1.2. Actual mass: 664 kg
- 2.1.3. Technically permissible maximum laden mass: 774 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 342 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 432 kg
- 2.1.3.3. Technically permissible maximum mass on sidecar axle: N.A.
- 2.1.7. 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 (ECE)/turbine-compressed air: N.A.
- 3.2.1.4.1. Number of cylinders: N.A.
- 3.2.1.4.2. Arrangement of cylinders: I4/V/O+S N.A.
- 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: none-fuel/bi-fuel/flex-fuel
 3.2.3.2.1. Maximum amount of bio-fuel acceptable in fuel: N.A.

3.1.2.1. Manufacturer: Hefei Yoyao Technology Co., LTD
 3.1.2.2. Electric motor code (as marked on the engine or other means of identification):
 TZ155CA05DYXGA/D202007MCA00015
 3.3.3.4. 15/30 minutes power: 7.5 kW
 3.1.3.1. Manufacturer: N.A.
 3.1.3.2. Application code (as marked on the engine or other means of identification): N.A.
 3.3.1. Electric vehicle configuration: pure electric/hybrid electric/energy storage electric
 3.3.5.2. Category of hybrid electric vehicle: off-vehicle charging/hot off-vehicle charging
 3.9.2. Maximum assistance factor: N.A.

Maximum speed
 1.8. Maximum speed of vehicle: 70 km/h (CV*: N.A.)
 3.9.3. Maximum vehicle speed for which the electric motor gives assistance: N.A.

Drive-train and control
 3.5.3.9. Transmission (type): O
 3.5.4. Gear ratios: 7.961
 3.5.4.1. Final drive ratio: 7.961
 3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres
 6.18.1.1. Tyre size designation:
 Axle 1: 155/65R14 (75T) Axle 2: 155/65R14 (75T)
 Minimum Load capacity index:
 Axle 1: 47 Axle 2: 55
 Minimum speed category symbol:
 Axle 1: F Axle 2: F
 Recommended pressure:
 Axle 1: 220 kPa Axle 2: 230 kPa
 Rim size:
 Axle 1: 14x5J Axle 2: 14x5J
 Sidecar wheel: N.A.

Bodywork
 6.20.2.1. Door configuration and number of doors: 1L, 1R
 6.16.1. Number of seating positions: 2
 6.16.1.1. Location and arrangement: 1+1R, 1L

Coupling devices
 7.2.8. Type-approval number of coupling device: N.A.

Environmental performance

4.0.1. Environmental step: Euro 5 (3/4/5/5+)
 4.0.6. Sound level measured according to: N.A.
 4.0.6.1. Stationary: N.A. (CV*: N.A.) at engine speed: N.A. (CV*: N.A.)
 4.0.6.2. Drive-by: N.A. (CV*: N.A.)
 4.0.6.3. Limit value for $L_{A_{\text{urban}}}$: N.A. (CV*: N.A.)

3.2.15. Exhaust emissions measured according to: N.A.
 3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:
 CO: ... N.A. (CV*: N.A.)
 THC: ... N.A. (CV*: N.A.)
 NMHC: ... N.A. (CV*: N.A.)
 NOx: ... N.A. (CV*: N.A.)
 HC+NDCx: ... N.A. (CV*: N.A.)
 PM: ... N.A. (CV*: N.A.)

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

Energy efficiency
 4.0.2. Fuel consumption: N.A. (CV*: N.A.)
 4.0.3. CO₂ emissions: N.A. (CV*: N.A.)
 4.0.4. Energy consumption: 74 Wh/km (CV*: N.A.)
 4.0.5. Electric range: 160 km (CV*: N.A.)

8.1. Conversion of the performance of the vehicle:
 Vehicle appropriate for converting its performance level between subcategories (L3c/L4e)-A2 and (L3c/L4e)-A3 and vice versa: yes/no

Additional information:
 9.1. Remarks: N.A.
 9.2. Exemptions: N.A.

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. TIK LOU, Legal Person
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): XEV, X, XEV YOYO
- 0.2. Type: Y01 (CV * Type): N.A.
- 0.2.1. Variant: A0 (CV * Variant): N.A.
- 0.2.2. Version: 1 (CV * Version): N.A.
- 0.2.3. Commercial name (if available): XEV, X, XEV YOYO
(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:
XEV S.R.L.
CORSO GIACOMO MATTEOTTI 42, TORINO (TO) CAP 10121, ITALY
- 0.4.2. Name and address of manufacturer's authorised representative (if any):
Not applicable
- 0.5.1. Location of the manufacturer's statutory plate(s): R, x 70, y 345, z 762
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): By laser printing sticker
- 0.6. Location of the vehicle identification number: R, x 841, y 230, z 117
1. Vehicle identification number: ☆ZP6Y02A01NA0031116☆
- conforms in all respects to the type described in EU type-approval e9*168/2013*11721*00 (type-approval number including extension number) (CV* type-approval number including extension number) issued on 04/04/2021 (date of issue) (CV* date of issue) and can be permanently registered in Member States having right/left ⁽¹⁾ hand traffic and using metric/imperial ⁽²⁾ units for the speedometer.

TORINO, ITALY

(place)

29, 12, 2023
(date)

(signature)

LOU TIK

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/None

Main dimensions

- 2.2.1. Length: 2530 mm
- 2.2.2. Width: 1500 mm
- 2.2.3. Height: 1560 mm
- 2.2.4. Wheelbase: 1680 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width: 1320 mm
- 2.2.5.1. Track width front: 1320 mm
- 2.2.5.2. Track width rear: N.A.
- 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: 449 Kg
- 2.1.2. Actual mass: 664 Kg
- 2.1.3. Technically permissible maximum laden mass: 774 Kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 347 Kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 432 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 (EC)/turbine/compressed air: N.A.
- 3.2.1.4.1. Number of cylinders: N.A.
- 3.2.1.4.2. Arrangement of cylinders: H/V/O/S N.A.
- 3.2.1.5. Engine capacity: N.A.
- 1.9. Maximum net power: N.A.
- 1.10. Ratio maximum net power/mass of the vehicle in running order: (CV*: 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.

3.1.2.1. Manufacturer: Hefei Yoyao Technology Co.,LTD
 3.1.2.2. Electric motor code (as marked on the engine or other means of identification):
 T215SCA05DYGA / DA202007MC A00015
 3.3.3.4. 15/30 minutes power: 7.5 kW
 3.1.3.1. Manufacturer: N.A.
 3.1.3.2. Application code (as marked on the engine or other means of identification): N.A.
 3.3.1. Electric vehicle configuration: pure electric/hybrid electric/manpower electric
 3.3.5.2. Category of hybrid electric vehicle: off-vehicle charging/net off-vehicle charging
 3.9.2. Maximum assistance factor: N.A.

Maximum speed
 1.8. Maximum speed of vehicle: 70 km/h (CV*: N.A.)
 3.9.3. Maximum vehicle speed for which the electric motor gives assistance: N.A.

Drive-train and control
 3.5.3.9. Transmission (type): O
 3.5.4. Gear ratios: 7.961
 3.5.4.1. Final drive ratio: 7.961
 3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres

6.1.8.1.1. Tyre size designation:
 Axle 1: 155/65R14 (75T) or 155/60R15 (74M or 74T)
 Axle 2: 155/65R14 (75T) or 155/60R15 (74M or 74T)
 Minimum Load capacity index:
 Axle 1: 47
 Axle 2: 55
 Minimum speed category symbol:
 Axle 1: F
 Axle 2: F
 Recommended pressure:
 Axle 1: 220 kPa
 Axle 2: 230 kPa
 Rim size:
 Axle 1: 14x5J or 15x5J
 Axle 2: 14x5J or 15x5J
 Sidecar wheel: N.A.

Bodywork

6.20.2.1. Door configuration and number of doors: 1L, 1R
 6.16.1. Number of seating positions: 2
 6.16.1.1. Location and arrangement: r1:1R, 1L

Coupling devices

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

Environmental performance

4.0.1. Environmental step: Euro 5 (34/5/5+)
 4.0.6. Sound level measured according to: N.A.
 4.0.6.1. Stationary: N.A. (CV*: N.A.) at engine speed: N.A. (CV*: N.A.)
 4.0.6.2. Drive-by: N.A. (CV*: N.A.)
 4.0.6.3. Limit value for $L_{w,lim}$: N.A. (CV*: N.A.)

3.2.15. Exhaust emissions measured according to: N.A.
 3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

CO:	...	N.A.	(CV*: N.A.)
THC:	...	N.A.	(CV*: N.A.)
NMHC:	...	N.A.	(CV*: N.A.)
NOx:	...	N.A.	(CV*: N.A.)
HC+NOx:	...	N.A.	(CV*: N.A.)
PM:	...	N.A.	(CV*: N.A.)

3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:
 HC: --- ppm at normal idling speed and: --- ppm at high idle speed (CV*: N.A.)
 CO: --- % vol at normal idling speed and: --- % vol at high idle speed (CV*: N.A.)

3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A. (CV*: N.A.)
 4.0.3. CO₂ emissions: N.A. (CV*: N.A.)
 4.0.4. Energy consumption: 74 Wh/km (CV*: N.A.)
 4.0.5. Electric range: 160 km (CV*: N.A.)

Conversion of the performance of the vehicle:

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

Additional information:

9.1. Remarks: N.A.
 9.2. Exemptions: N.A.

Zulassungsbescheinigung
 Teil II (Fahrzeugbrief) Nr. 85568104

ausgegeben am

23 Jan. 2024

