

EC CERTIFICATE OF CONFORMITY

COMPLETE VEHICLES

Part 1

The Undersigned : CHANG WHAN CHAE
Position : General Manager
Quality Management
hereby certifies that the vehicle :

0.1 Make : Ssangyong
0.2 Type : CW
Variant : AY2L
Version : FYB42

0.2.1 Commercial name : Ssangyong KORANDO
0.2.2.1 Allowed Parameter Values of multistage type approval to use the base vehicle emission values (insert range where applicable)

Final Vehicle actual mass : -
Final Vehicle technically permissible maximum laden mass (in kg) : -
Frontal area for final vehicle (in cm²) : -
Rolling resistance (kg/t) : -
Cross-sectional area of air entrance of the front grille (in cm²) : -

0.2.3 Identifiers

0.2.3.1 Interpolation family's identifier : IP-CWYA2-KPT-1
0.2.3.2 ATCT family's identifier : AT-CWY-KPT-1
0.2.3.3 PEMS family's identifier : E8-KPT-CWY-0
0.2.3.4 Roadload family's identifier
0.2.3.4.1 Roadload family of VH : RL-CWYA2-KPT-1
0.2.3.4.2 Roadload family of VL : -
0.2.3.5 Roadload matrix family's identifier (if applicable) : -
0.2.3.6 Periodic regeneration family's identifier : -
0.2.3.7 Evaporative test family's identifier : EV-CWY-KPT-1
0.4 Vehicle category : M1

0.5 Company name and address of the manufacturer :

Ssangyong Motor Co., Ltd.
455-12, Dongsak-ro, Pyeongtaek-si, Gyeonggi-do, Korea

0.6 Location and method of attachment of the statutory plates :

"On the B-pillar of left side / Method of affixing - adhesion"

Location of the vehicle identification number :

"On the Front RH Side of the Cowl paneland on the Manufacturere's plate"

0.9 Name and address of the manufacturer's representative :

Ssangyong European Parts Center B.V.

IABC 5253 & 5254, 4814RD

Breda, The Netherlands

0.10 Vehicle identification number : KPT60A1YSP085004

0.11 Date of manufacturer of the vehicle : 2023.01.02

conforms in all respects to the type described in approval

e8*2007/46*0360*09

granted on 29 September, 2022 and

can be permanently registered in Member States having Right hand traffic,

and using Metric unit for the speedometer and Metric units for the odometer

Place : Pyeongtaek-si, Gyeonggi-do, Korea Date : 2023.01.02

Signature :

Part 2

General construction characteristics

1. Number of Axles : 2 and Wheels : 4
3. Powered axles(number,position,interconnection) : 1, FRT, 2WD
3.1 Specify if the vehicle is non-automated/automated/fully automated :
Non-automated vehicle

Main dimensions

4. Wheelbase : 2675 mm
4.1. Axle spacing : 1-2 : 2675 mm, 2-3 : - mm, 3-4 : - mm
5. Length : 4450 mm
6. Width : 1870 mm
7. Height : 1620(Roof rack : 1629) mm

Masses

13. Mass in running order : 1544 kg
13.2. Actual mass of the vehicle : 1544 kg
16. Technically permissible maximum masses
16.1. Technically permissible maximum laden mass : 2005 kg
16.2. Technically Permissible mass on each axle : 1 - 1190, 2 - 1260 kg
16.4. Technically Permissible maximum mass of combination : 3505 kg
18. Technically Permissible maximum towable mass in case of : -
18.1. Drawbar trailer : - kg
18.3. Centre-axle trailer : 1500 kg
18.4. Unbraked trailer : 500 kg
19. Technically permissible maximum static vertical mass at the coupling point : 85 kg

Power plant

20. Manufacturer of the engine : Ssangyong Motor Co., Ltd
21. Engine code as marked on the engine : 175 950
22. Working principle : Positive ignition, 4 stroke
23. Pure electric : No
23.1. Class of Hybrid[electric] vehicle : No
24. Number and arrangement of cylinders : 4, in-line
25. Engine Capacity : 1497 cm³
26. Fuel : Petrol
26.1. Mono fuel/Bi fuel/Flex fuel : Mono fuel
26.2. (Dual-fuel only) Type 1A/Type 1B/Type 2A/Type 2B/Type 3B : -
27. Maximum power
27.1. Maximum net power (kW at min⁻¹) : 120 kW at 5000-5500 min⁻¹ (internal combustion engine)
27.3. Maximum net power : - kW (electric motor)
27.4. Maximum 30 minutes power : - kW (electric motor)
28. Gearbox(type) : A/T
28.1. Gearbox ratios (to complete for vehicles with manual shift transmissions)

1st gear	2nd gear	3rd gear	4th gear	5th gear	6th gear	7th gear	8th gear
-	-	-	-	-	-	-	-

28.1.1. Final drive ratio(if applicable) : -

28.1.2. Final drive ratios (to complete if and where applicable)

1st gear	2nd gear	3rd gear	4th gear	5th gear	6th gear	7th gear	8th gear
-	-	-	-	-	-	-	-

Maximum speed

29. Maximum speed : 189 km/h

Axles and suspension

30. Axle(s) track : 1-1590, 2-1610 mm
35. Fitted tire/wheel combination/energy efficiency class of rolling resistance coefficients (RRC) and tire category used for CO₂ determination (if applicable) :
235/55R18 , 100/H , 7.5JX18/45.5/C/C1
235/55R18 , 100/H , 7.5JX18/45.5/C/C1

Brakes

36. Trailer brake connections mechanical/electric/pneumatic/hydraulic : -

Bodywork

38. Code of bodywork : AC (Station wagon)
40. Color of vehicle : Grand White
41. Number and configuration of doors : 2 doors on each side and 1 tail gate
42. Number of seating position (including the driver) : 5
42.1. Seat(s) designated for use only when the vehicle is stationary : -
42.3. Number of wheelchair user accessible position : -

Environmental performances

46. Sound level

stationary : 75.0 dB(A) at engine speed : 3750 min⁻¹

Drive-by : 68.0 dB(A)

47. Exhaust emission level : Euro 6d-ISC-FCM

47.1. Parameters for emission testing of Wind

47.1.1. Test mass, kg : 1713

47.1.2. Frontal area, m² : -

47.1.2.1 Projected frontal area of air entrance of the front grille, (if applicable), cm² : -

47.1.3. Road Load Coefficients

47.1.3.0. I₀, N : 125.5

47.1.3.1. f₁, N/(km/h) : 0.711

47.1.3.2. f₂, N/(km/h)² : 0.04338

47.2 Driving Cycle

47.2.1 Driving cycle class : 1/2/3a/3b

47.2.2 Downscaling factor (fdsc) : -

47.2.3 Capped speed : no

48. Exhaust emissions

Number of base regulatory act and latest amending regulatory act applicable :

715/2007/EC - 2018/1832AP/EC

1.2 test procedure : Type I (WLTP highest values) or WHSC (Euro VI)

CO (mg/km) : 203.0, THC (mg/km) : 17.2, NMHC (mg/km) : 15.5, NO_x (mg/km) : 15.5, THC + NO_x (mg/km) : -, NH₃ (mg/km) : -, Particulates (mass) : 0.25, Particulates(number) : 0.00

2.2 test procedure : WHTC (Euro VI)

CO : -, NO_x : -, NMHC : -, THC : -, CH₄ : -, NH₃ : -, Particulates(mass) : -, Particulates(number) : -

48.1. Smoke corrected absorption coefficient : - m⁻¹

48.2. Declared maximum RDE values (if applicable)

Complete RDE trip : NO_x : 85.8, Particulates(number) : 6.0

Urban RDE trip : NO_x : 85.8, Particulates(number) : 6.0

49. CO₂ emission / fuel consumption / electric energy consumption : 715/2007/EC - 2018/1832AP/EC

1. all power train except pure electric vehicles (if applicable)

WLTP values	CO ₂ emissions	Fuel consumption	Electric consumption (EC _{AC})
Low	229.02 g/km	10.003 l/100km	- Wh/km
Medium	173.20 g/km	7.569 l/100km	- Wh/km
High	156.30 g/km	6.832 l/100km	- Wh/km
Extra high	191.67 g/km	8.374 l/100km	- Wh/km
Combined	182.00 g/km	7.953 l/100km	- Wh/km

2. electric range of pure electric vehicles (if applicable)

Electric range	- km
Electric range city	- km

3. Vehicle fitted with eco-innovation(s) : No

3.1. General code of the eco-innovation(s) : -

3.2. Total CO₂ emissions savings due to the eco-innovation(s)

(repeat for each reference fuel tested) : -

3.2.2. WLTP savings : - g/km (if applicable)

4. OVC hybrid electric vehicles (if applicable)

WLTP values	Charge sustaining		Electric consumption (EC)
	CO ₂ emissions	Fuel consumption	
Low	- g/km	- l/100km	- Wh/km
Medium	- g/km	- l/100km	- Wh/km
High	- g/km	- l/100km	- Wh/km
Extra high	- g/km	- l/100km	- Wh/km
City	- g/km	- l/100km	- Wh/km
Combined	- g/km	- l/100km	- Wh/km

WLTP values	Charge depleting	
	CO ₂ emissions	Fuel consumption
Combined	- g/km	- l/100km

Weighted, combined values	CO ₂ emissions	Fuel consumption	Electric consumption (EC _{AC})
	- g/km	- l/100km	- Wh/km

5. Electric range of OVC hybrid electric vehicles (if applicable)

Equivalent All Electric range(EAER)	- km
Equivalent All Electric range city (EAER city)	- km
All Electric Range (AER)	- km
All Electric Range city (AER city)	- km

Miscellaneous

51. For special purpose vehicles : -

52. Remarks : Additional tire/wheel combinations : technical parameters(no reference to RR)

Axle1 : 225/60R17 , 99H , 6.5JX17/45.5/C/C1 ___ Axle2 : 225/60R17 , 99H , 6.5JX17/45.5/C/C1

Axle1 : 235/50R19 , 99H , 7.5JX19/45.5/C/C1 ___ Axle2 : 235/50R19 , 99H , 7.5JX19/45.5/C/C1

Axle1 : 235/55R18 , 100H , 7.5JX18/45.5/C/C1 ___ Axle2 : 235/55R18 , 100H , 7.5JX18/45.5/C/C1

54. Vehicle fitted with : -

55. Vehicle certified in accordance with UN Regulation No. 155 : no

56. Vehicle certified in accordance with UN Regulation No. 156 : no

