COMPLETE VEHICLES
CERTIFICATE OF CONFORMITY

Übereinstimmungsbescheinigung
Πιστοποιητικό Συμμόρφωσης
Certificat de Conformité
Certificate of Conformity
Certificato di Conformità
Conformiteitscertificaat
Świadectwo Zgodności
Certifikat o skladnosti
Certificado de Conformidad

Part 1

The undersigned S.W.KIM

Position SERVICE MANAGER
KIA GLOBAL PRODUCT PLANNING TEAM 1

hereby certifies that the vehicle :

0.1. Make (Trade name of manufacturer) : Kia
0.2. Type : SG2
- Variant : C5E11
- Version : E11BY1
0.2.1. Commercial name(s) : NIRO
0.2.2.1. Allowed Parameter Values for multistage type approval to use the base vehicle emission values
Final Vehicle actual mass : -
Final Vehicle technically permissible maximum laden mass (in kg) : -
Frontal area for final vehicle (in cm^2) : -
Rolling resistance (kg/t) : -
Cross-sectional area of air entrance of the front grille (in cm^2) : -
0.2.3. Identifiers :
0.2.3.1. Interpolation family's identifier : IP-0931275-KNA-1
0.2.3.2. ATCT family's identifier : -
0.2.3.3. PEMS family's identifier : -
0.2.3.4. Roadload family's identifier : RL-0931275-KNA-1
0.2.3.5. Roadload Matrix family's identifier : -
0.2.3.6. Periodic regeneration family's identifier : -
0.2.3.7. Evaporative test family's identifier : -
0.4. Vehicle category : M1
0.5. Company name and address of manufacturer :
Kia Corporation,12,Heolleung-ro,
Seocho-gu,Seoul,Korea
0.6. Location and method of attachment of the statutory plates :
On the left hand B-post, bonded
Location of the vehicle identification number :
Under the right front seat
0.9. Name and address of the manufacturer's representative (if any) :
Hyundai Motor Europe Technical
Center GmbH
Hyundai-Platz, 65428 Russelsheim,
Germany
0.10. Vehicle identification number : KNACT811FP5000845

0.11. Date of manufacture of the vehicle : 18.05.2022
conforms in all respects to the type described in
approval e9*2018/858*11241*01
granted on 13.04.2022 and
can be permanently registered in Member States having right hand traffic
and using metric units for the speedometer.
and metric units for the odometer.
Place of Issue KIA Issue Date 18.05.2022
Signature

S.W.Kim

Part 2

General construction characteristics

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

Main dimensions

4. Wheelbase : 2720 mm
4.1. Axle spacing : 1-2 : 2720 mm 2-3 : - mm 3-4 : - mm
5. Length : 4420 mm
6. Width : 1825 mm
7. Height : 1570 mm

Masses

13. Mass in running order : 1757 kg
13.2. Actual mass of the vehicle : 1783 kg
16. Technically permissible maximum masses
16.1 Technically permissible maximum laden mass : 2200 kg
16.2 Technically permissible mass on each axle : 1. 1130 kg 2. 1160 kg
16.4 Technically permissible maximum mass of the combination : 2950 kg
18. Technically permissible maximum towable mass in case of :
18.1. Drawbar trailer : - kg
18.3. Centre-axle trailer : 750 kg
18.4. Unbraked trailer : 300 kg
19. Technically permissible maximum static vertical mass at the coupling point : 100 kg

Power plant

20. Manufacturer of the engine : HYUNDAI MOBIS
21. Engine code as marked on the engine : EM16
22. Working principle : -
23. Pure electric : yes
23.1. Class of Hybrid [electric] vehicle : -
24. Number and arrangement of cylinders : -
25. Engine capacity : - cm3
26. Fuel : Electricity
26.1. Mono fuel/Bi fuel/Flex fuel/Dual-fuel -
26.2. (Dual Fuel only) : -
27. Maximum power
27.1. Maximum net power : - kW at - Min-1 (internal combustion engine)
27.3. Maximum net power : 150.00 kW (electric motor)
27.4. Maximum 30 minutes power : 50.00 kW (electric motor)
28. Gearbox (type) : Automatic

28.1. Gearbox ratios :

1st Gear	2nd Gear	3rd Gear	4th Gear	5th Gear	6th Gear	7th Gear	8th Gear
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

28.1.1. Final drive ratio : N/A

28.1.2. Final drive ratios :

1st Gear	2nd Gear	3rd Gear	4th Gear	5th Gear	6th Gear	7th Gear	8th Gear
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Maximum speed

29. Maximum speed : 167 km/h

Axles and suspension

30. Axle(s) track : 1. 1571 mm 2. 1581 mm
35. Fitted tyre/wheel combination/energy efficiency class of rolling resistance coefficients (RRC) and tyre category used for CO2 determination :
Axle1 : 215/55R17 94V 7.0J X 17/ET52 / A/C1
Axle2 : 215/55R17 94V 7.0J X 17/ET52 / A/C1

1892392

Brakes

36. Trailer brake connections : -

Bodywork

38.Code for bodywork : AC(station wagon)

40. Colour of vehicle : blue

41. Number and configuration of doors : 5 ; 2 left, 2 right, 1 rear

42. Number of seating positions (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 : - dB(A) at engine speed : min-1
- Drive-by : 67.00 dB(A)

47. Exhaust emission level : Euro AX

47.1. Parameters for emission testing of Vind

47.1.1. Test mass, kg : 1893

47.1.2. Frontal area, m^2 : 2.42

47.1.2.1. Projected frontal area of air entrance of the front grille, cm^2 : -

47.1.3. Road load coefficients

47.1.3.0. f0, N : 125

47.1.3.1. f1, N/(km/h) : 0.653

47.1.3.2. f2, N/(km/h)^2 : 0.03289

47.2. Driving cycle

47.2.1. Driving Cycle class : 3b

47.2.2. Downscaling factor (fdsc) : -

47.2.3. Capped speed : no

48. Exhaust emissions :

EC 715/2007*2018/1832AX

1.2. Test procedure: Type (WLTP highest values) or WHSC (EURO VI)

CO : mg/km,

THC

NMHC

NOx

NH3 :

Particulates (mass)

2.2. Test procedure: WHTC(EURO VI)

CO : - mg/km

NOx : - mg/km

NMHC : - mg/km

THC : - mg/km

CH4 : - mg/km

NH3 : - mg/km

Particulates (mass) : - mg/km

Particles (number) : -

48.1. Smoke corrected absorption coefficient : - (m-1)

48.2. Declared maximum RDE values

	Complete RDE trip	Urban RDE trip
NOx :	- mg/km	- mg/km
Particles (number) :	-	-

49. CO2 emissions/fuel consumption/electric energy consumption :

1. All power trains, except OVC electric vehicles

WLTP values	CO2 emissions	Fuel consumption	Electric consumption (EC_{AC})
Low :	- g/km	- l/100km	116 Wh/km
Medium :	- g/km	- l/100km	128 Wh/km
High :	- g/km	- l/100km	146 Wh/km
Extra High :	- g/km	- l/100km	212 Wh/km
Combined :	- g/km	- l/100km	162 Wh/km

2. Electric range of pure electric vehicles

Electric range	460 km
Electric range city	604 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)

3.2.2. WLTP savings : - g/km

4. OVC hybrid electric vehicles

WLTP Values	Charge Substaining		Electric consumption (EC)
	CO2 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 :			- Wh/km
Combined :	- g/km	- l/100km	- Wh/km

WLTP Values	Charge depleting	
	CO2 emissions	Fuel consumption
Combined :	- g/km	- l/100km

Weighted combined value :	CO2 emissions	Fuel consumption	Electric consumption (EC_{AC})
	- g/km	- l/100km	- Wh/km

5. Electric range of OVC hybrid electric vehicles

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: designation in accordance with point 5 of Part A of Annex I to Regulation (EU) 2018/858 of the European Parliament and of the Council :

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52. Remarks :

7:1585*13:1757*35:215/55R17 94V,7.0Jx17/ET52*35:LM-Rad*