

DATA UNDER APPROVAL

508 SEDAN

ENGINES	PETROL	DIESEL
	PureTech 130 S6S EAT8	BlueHDI 130 S6S EAT8
Fiscal power (CV)	7	7
Displacement (cm ³)	1,199	1,499
Number of cylinders / Arrangement	3 in a row	4 in a row
Number of valves per cylinder	4	4
Maximum power (kW ECE/hp ECE at rpm)	96/130 at 5,500	96/130 at 3,750
Maximum torque (Nm ECE at rpm)	230 at 1,750	300 at 1,750
Stop & Start	Yes	Yes
Regulated Emission Standard	EURO 6	EURO 6
Injection type	Direct	Direct
Service interval	20,000 km or 1 year	30,000 km or 1 year

TRANSMISSION

Type	Automatic	Automatic
Number of ratios	8	8

MASSES & CHARGES

Kerb weight (kg)	1 426	1 482
Gross vehicle weight (kg)	1 960	2 030
Maximum braked trailer weight - 12% slope (kg)	1 340	1 470
Gross train weight (kg)	3 300	3 500

PERFORMANCES *

Maximum speed (kph)	211	208
0-100 kph (s)	10.0	11.1
1,000 m standing start (s)	31.5	32.0
80 to 120 kph in Drive (s)	7.0	7.3

* Driver only performances

WLTP CONSUMPTION & EMISSIONS

WLTP combined consumption - minimum (l/100km)	5.9	5.0
WLTP combined consumption - maximum (l/100km)	6.3	5.4
WLTP combined CO2 emissions - minimum (g/km)	131	132
WLTP combined CO2 emissions - maximum (g/km)	141	142

WHEELS

Type of tyres (standard or option, depending on version)	215/55 R17 W 235/45 R18 W 235/40 R19 Y	215/55 R17 W 235/45 R18 W 235/40 R19 Y
	Standard: Tire repair kit	

BRAKES & SUSPENSION

Type of front/rear brakes	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 304x28mm Rear discs: 268x12mm
Type of front suspension	Pseudo McPherson	Pseudo McPherson
Type of rear suspension	Multi-link rear axle	Multi-link rear axle

508 SW

ENGINES	PETROL	DIESEL
	PureTech 130 S6S EAT8	BlueHDI 130 S6S EAT8
Fiscal power (CV)	7	7
Displacement (cm ³)	1,199	1,499
Number of cylinders / Arrangement	3 in a row	4 in a row
Number of valves per cylinder	4	4
Maximum power (kW ECE/hp ECE at rpm)	96/130 at 5,500	96/130 at 3,750
Maximum torque (Nm ECE at rpm)	230 at 1,750	300 at 1,750
Stop & Start	Yes	Yes
Regulated Emission Standard	EURO 6	EURO 6
Injection type	Direct	Direct
Service interval	20,000 km or 1 year	30,000 km or 1 year

Type	Automatic	Automatic
Number of ratios	8	8

Kerb weight (kg)	1 455	1 513
Gross vehicle weight (kg)	1 970	2 050
Maximum braked trailer weight - 12% slope (kg)	1 330	1 450
Gross train weight (kg)	3 300	3 500

Maximum speed (kph)	206	206
0-100 kph (s)	10.1	11.4
1,000 m standing start (s)	31.8	32.3
80 to 120 kph in Drive (s)	7.2	7.6

WLTP combined consumption - minimum (l/100km)	6.1	5.1
WLTP combined consumption - maximum (l/100km)	6.5	5.4
WLTP combined CO2 emissions - minimum (g/km)	136	133
WLTP combined CO2 emissions - maximum (g/km)	147	142

Type of tyres (standard or option, depending on version)	215/55 R17 W 235/45 R18 W 235/40 R19 Y	215/55 R17 W 235/45 R18 W 235/40 R19 Y
	Standard: Tire repair kit	

Type of front/rear brakes	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 304x28mm Rear discs: 268x12mm
Type of front suspension	Pseudo McPherson	Pseudo McPherson
Type of rear suspension	Multi-link rear axle	Multi-link rear axle

DATA UNDER APPROVAL

PETROL ENGINE	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Fiscal power (CV)	8	10	11
Displacement (cm ³)	1,598	1,598	1,598
Number of cylinders / Arrangement	4 in a row	4 in a row	4 in a row
Number of valves per cylinder	4	4	4
Maximum power (kW ECE/hp ECE at rpm)	110/150 at 6,000	133/180 at 6,000	147/200 at 6,000
Maximum torque (Nm ECE at rpm)	300 at 3,000	300 at 3,000	300 at 3,000
Regulated Emission Standard	EURO 6	EURO 6	EURO 6
Injection type	Direct	Direct	Direct
Service interval	30,000 km or 1 year	30,000 km or 1 year	30,000 km or 1 year

PETROL ENGINE	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Fiscal power (CV)	8	10	11
Displacement (cm ³)	1,598	1,598	1,598
Number of cylinders / Arrangement	4 in a row	4 in a row	4 in a row
Number of valves per cylinder	4	4	4
Maximum power (kW ECE/hp ECE at rpm)	110/150 at 6,000	133/180 at 6,000	147/200 at 6,000
Maximum torque (Nm ECE at rpm)	300 at 3,000	300 at 3,000	300 at 3,000
Regulated Emission Standard	EURO 6	EURO 6	EURO 6
Injection type	Direct	Direct	Direct
Service interval	30,000 km or 1 year	30,000 km or 1 year	30,000 km or 1 year

ELECTRIC ENGINE(S)	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Electric engine(s) (front built into e-EAT8 gearbox)	x1 front	x1 front	x1 front / x1 rear
Maximum power (kW/hp)	81/110	81/110	81/110 (front) / 83/113 (rear)
Maximum torque (Nm)	320	320	320 (front) / 166 (rear)
High-voltage battery	Li-ion	Li-ion	Li-ion
Battery capacity (kWh)	12.4	12.4	12.4
Charging time (from 0 to 100%)	7h05 / 3h25 / 1h40 ⁽¹⁾	7h05 / 3h25 / 1h40 ⁽¹⁾	7h05 / 3h25 / 1h40 ⁽¹⁾
On-board charger	3.7kW / 7.4kW (option)	3.7kW / 7.4kW (option)	7.4kW

ELECTRIC ENGINE(S)	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Electric engine(s) (front built into e-EAT8 gearbox)	x1 front	x1 front	x1 front / x1 rear
Maximum power (kW/hp)	81/110	81/110	81/110 (front) / 83/113 (rear)
Maximum torque (Nm)	320	320	320 (front) / 166 (rear)
High-voltage battery	Li-ion	Li-ion	Li-ion
Battery capacity (kWh)	12.4	12.4	12.4
Charging time (from 0 to 100%)	7h05 / 3h25 / 1h40 ⁽¹⁾	7h05 / 3h25 / 1h40 ⁽¹⁾	7h05 / 3h25 / 1h40 ⁽¹⁾
On-board charger	3.7kW / 7.4kW (option)	3.7kW / 7.4kW (option)	7.4kW

⁽¹⁾ Respectively with the following equipment: 8A household socket and 3.7kW charger / 14A reinforced socket and 3.7kW charger / Wallbox 32A and 7.4kW charger optional

HYBRID POWERTRAIN PERFORMANCE	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Combined maximum power (kW ECE/hp ECE)	132/180	165/225	265/360
Combined maximum torque (Nm ECE)	360	360	520

HYBRID POWERTRAIN PERFORMANCE	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Combined maximum power (kW ECE/hp ECE)	132/180	165/225	265/360
Combined maximum torque (Nm ECE)	360	360	520

TRANSMISSION	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Type	Wet-clutch electrified automatic	Wet-clutch electrified automatic	Wet-clutch electrified automatic
Number of ratios	8	8	8

TRANSMISSION	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Type	Wet-clutch electrified automatic	Wet-clutch electrified automatic	Wet-clutch electrified automatic
Number of ratios	8	8	8

MASSES & CHARGES	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Kerb weight (kg)	1736	1736	1866
Gross vehicle weight (kg)	2 280	2 280	2 320
Maximum braked trailer weight - 12% slope (kg)	1 320	1 320	1 280
Gross train weight (kg)	3 600	3 600	3 600

MASSES & CHARGES	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Kerb weight (kg)	1 771	1 771	1 892
Gross vehicle weight (kg)	2 300	2 300	2 340
Maximum braked trailer weight - 12% slope (kg)	1 300	1 300	1 260
Gross train weight (kg)	3 600	3 600	3 600

PERFORMANCES *	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Maximum speed in Sport/Electric modes (kph)	230/135	240/135	250 (limited)/135
0-100 kph (s)		7,9	5,2
1,000 m standing start (s)		27,3	24,5
80 to 120 kph in Drive (s)		4,4	3,0

* Driver only performances

PERFORMANCES *	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Maximum speed in Sport/Electric modes (kph)	230/135	240/135	250 (limited)/135
0-100 kph (s)		8	5,2
1,000 m standing start (s)		27,4	24,5
80 to 120 kph in Drive (s)		4,4	3,0

WLTP CONSUMPTION & EMISSIONS	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Maximum WLTP combined Electric range (km)	64	64	52
Maximum WLTP urban Electric range (km)	68	73	54
WLTP combined consumption - minimum (l/100km)	1,1	1,1	1,2
WLTP combined consumption - maximum (l/100km)	1,5	1,4	1,8
WLTP combined CO2 emissions - minimum (g/km)	26	25	40
WLTP combined CO2 emissions - maximum (g/km)	32	31	40

WLTP CONSUMPTION & EMISSIONS	508 SW PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Maximum WLTP combined Electric range (km)	62	62	52
Maximum WLTP urban Electric range (km)	67	71	54
WLTP combined consumption - minimum (l/100km)	1,2	1,2	1,2
WLTP combined consumption - maximum (l/100km)	1,5	1,5	1,8
WLTP combined CO2 emissions - minimum (g/km)	28	27	40
WLTP combined CO2 emissions - maximum (g/km)	33	33	40

WHEELS	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Type of tyres (standard or option, depending on version)	215/55 R17 W 235/45 R18 Y 235/40 R19 Y	215/55 R17 W 235/45 R18 Y 235/40 R19 Y	245/35 R20 Y
	Standard: Tire repair kit		Standard: Tire repair kit

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	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Type of tyres (standard or option, depending on version)	215/55 R17 W 235/45 R18 Y 235/40 R19 Y	215/55 R17 W 235/45 R18 Y 235/40 R19 Y	245/35 R20 Y
	Standard: Tire repair kit		Standard: Tire repair kit

BRAKES & SUSPENSION	508 SEDAN PLUG-IN HYBRID		
	PLUG-IN HYBRID 180 e-EAT8	PLUG-IN HYBRID 225 e-EAT8	PLUG-IN HYBRID4 360 e-EAT8 PSE
Type of front/rear brakes	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 380x32mm Rear discs: 268x12mm
Type of front suspension	Pseudo McPherson	Pseudo McPherson	Pseudo McPherson / Adaptive suspension
Type of rear suspension	Multi-link rear axle	Multi-link rear axle	Multi-link rear axle / Adaptive suspension

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Type of front/rear brakes	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 304x28mm Rear discs: 268x12mm	Front discs: 380x32mm Rear discs: 268x12mm
Type of front suspension	Pseudo McPherson	Pseudo McPherson	Pseudo McPherson / Adaptive suspension
Type of rear suspension	Multi-link rear axle	Multi-link rear axle	Multi-link rear axle / Adaptive suspension