

## 2012 Mercedes-Benz E-Class Technical Data

	<b>E350 BlueTEC</b>	<b>E350 Sedan (4MATIC)</b>	<b>E350 4MATIC Wagon</b>	<b>E550 Sedan 4MATIC</b>	<b>E63 AMG Sedan (Wagon)</b>
<b>Vehicle type</b>	Four-door, five-passenger sedan	Four-door, five-passenger sedan	Four-door, seven-passenger wagon	Four-door, five-passenger sedan	Four-door, five-passenger sedan (seven-passenger wagon)
<b>Chassis</b>	Steel unibody	Steel unibody	Steel unibody	Steel unibody	Steel unibody
<b>Engine</b>	72-degree V6	60-degree V6	60-degree V6	90-degree V8	90-degree V8
Valve arrangement	Four valves per cylinder	Four valves per cylinder	Four valves per cylinder	Four valves per cylinder	Four valves per cylinder
Valvetrain	Double overhead camshaft per cylinder bank; duplex chain-driven	DOHC per cylinder	DOHC per cylinder	DOHC per cylinder	DOHC per cylinder
Displacement (cc)	182.0 / 2,987	3,498	3,498	4,663	5,461
Bore (in.)	3.27 / 83.0	3.66	3.66	3.66	3.86
Stroke (in.)	3.62 / 92.0	3.39	3.39	3.39	3.56
Compression ratio	16.5:1	12.0:1	12.0:1	10.5:1	10.0:1
Horsepower @ rpm	210 @ 3,800	302 @ 6,500	302 @ 6,500	402 @ 5,000 - 5,750	518 (550*) @ 5,250-5,750
Torque (lb-ft.) @ rpm	400 @ 1,600 - 2,400	273 @ 3,500 - 5,250	273 @ 3,500 - 5,250	443 lb-ft @ 1,800 - 4,750	516 @ 1,700 - 5,000 (590 @ 2,000 - 4,500)*

Intake system	Turbocharger and intercooler; piezoelectric injectors	Naturally Aspirated, Direct Injection	Naturally Aspirated, Direct Injection	Direct gasoline injection with piezo injectors, twin turbo w/12.9 lbs. boost	Direct gasoline injection, twin turbo w/14.5 (18.8*) lbs. boost
Max. engine speed (rpm)	4,500	7,000	7,000	6,300	6,400
<b>Transmission</b>	Seven-speed automatic	Seven-speed automatic	Seven-speed automatic	Seven-speed automatic	AMG SPEEDSHIFT Seven-speed MCT
Shift controls	Direct Select	Direct Select	Direct Select	Direct Select	AMG DRIVE UNIT
Gear ratios	Automatic	Automatic	Automatic	Automatic	Automatic
1	4.38	4.38	4.38	4.38	4.38:1
2	2.86	2.86	2.86	2.86	2.86:1
3	1.92	1.92	1.92	1.92	1.92:1
4	1.37	1.37	1.37	1.37	1.37:1
5	1.00	1.00	1.00	1.00	1.00:1
6	0.82	0.82	0.82	0.82	0.82:1
7	0.73	0.73	0.73	0.73	0.73:1
R	-3.42	-3.42	-3.42	-3.42	- 3.42:1
R2 "comfort mode"	-2.23	-2.23	-2.23	-2.23	-
Final drive	3.07	3.07	3.07	2.47	3.06:1
<b>Stability control</b>	ESP stability control	ESP stability control	ESP stability control	ESP stability control	AMG 3-Stage ESP System

<b>Suspension</b>		Four-wheel independent; coil springs, stabilizer bars	Four-wheel independent; coil springs, stabilizer bars	Four-wheel independent; front coil springs, stabilizer bars, rear airsprings	Four-wheel independent with AIRMATIC	AMG Adaptive Suspension
	front	Independent wheel suspension, coiled spring, torsion bar, 3-link wheel control/axle location	Independent wheel suspension, coiled spring, torsion bar, 3-link wheel control/axle location	Independent wheel suspension, coiled spring, torsion bar, 3-link wheel control/axle location	Independent wheel suspension, 3-link, damper with damping valve shock absorber, torsion bar, air spring	3-link Independent with Antidive Control and Stabilizer Bar
	rear	Independent wheel suspension, coiled spring, tubular torsion bar, multi-link steering	Independent wheel suspension, coiled spring, tubular torsion bar, multi-link steering	Multilink Independent AIRMATIC air suspension with Antisquat Control and Stabilizer Bar	Independent wheel suspension, multilink steering, air spring, damper with damping valve, torsion bar	Multilink Independent AIRMATIC air suspension with Antisquat Control and Stabilizer Bar
<b>Steering</b>		Rack-and-pinion, speed sensitive hydraulic power steering	Rack-and-pinion, speed sensitive hydraulic power steering	Electro Hydraulic Power-assisted Speed-sensitive Rack-and-Pinion Steering	Rack-and-pinion, speed sensitive hydraulic power steering	Electro Hydraulic Power-assisted Speed-sensitive Rack-and-Pinion Steering
Turning radius (ft.)		36.9	36.9	36.9	36.9	37.1
Wheels (in.)	front	8.0 x 17 (Sport: 8.0 x 17)	8.0 x 17 (Sport: 8.5 x 18)	8.0 x 17	8.5 x 18	9.0 x 19
	rear	8.0 x 17 (Sport: 8.0 x 17)	8.0 x 17 (Sport: 9.0 x 18)	8.0 x 17	8.5 x 18	9.5 x 19
Tires	front	245/45 R 17 all-season	245/45 R17 (Sport: 245 / 40 R18)	245/45 R17	245 / 40 R18	255 / 35 R19
	rear	245/45 R 17 all-season	245/45 R17 (Sport: 265 / 35 R18)	245/45 R17	245 / 40 R18	285 / 30 R19

<b>Brakes</b>		Dual-circuit, power assisted fourwheel discs with ABS anti-lock and emergencysensing Brake Assist	Dual-circuit, power assisted fourwheel discs with ABS anti-lock and emergencysensing Brake Assist	Dual-circuit, power assisted fourwheel discs with ABS anti-lock and emergencysensing Brake Assist	Dual-circuit, power assisted fourwheel discs with ABS anti-lock and emergencysensing Brake Assist	Dual-circuit, power assisted four-wheel discs with ABS emergency-sensing Brake Assist
Disc diameter (in./mm)	front	12.7 / 322 (Sport: 13.5 / 344)	12.7 / 322 (Sport: 13.5 / 344)	12.7 / 322 (Sport: 13.5 / 344)	14.2 / 344	14.2 ventilated & perforated
	rear	11.8 / 300	11.8 / 300	11.8 / 300	12.6 / 320	14.2 ventilated & perforated
Disc thickness (in./mm)	front	1.3 / 32	1.3 / 32	1.3 / 32	1.4 / 32	1.4 / 36
	rear	0.9 / 22	0.9 / 22	0.9 / 22	1.0 / 24	1.0 / 26

### Exterior dimensions (in)

Wheelbase		113.2/ 2874	113.2/ 2874	113.2/ 2874	113.2/ 2874	113.2/ 2874
Length		191.7 / 4868	191.7 / 4868	192.7	191.7 / 4868	192.4 / 4,891 (Wagon: 193.4 est.)
Width		75.9 / 1927	75.9 / 1927	75.9 / 1928	75.9 / 1927	75.9
Height		57.9 / 1,467 (Sport: 57. 2 / 1,452)	57.9 / 1,467 (Sport: 57. 2 / 1,452)	58.9	57.9 / 1,467 (Sport: 57. 2 / 1,452)	56.8 (Wagon: 57.8 est.)
Ground clearance (in.)		4.1 / 104	4.1 / 104	4.1 / 105	4.1 / 104	4.5 / 114
Track	front	63.0 / 1580	63.0 / 1580	62.4 / 1580	63.0 / 1580	64.0
	rear	63.7 / 1599	63.7 / 1599	63.2 / 1599	63.7 / 1599	62.8 / 1,594

### Interior dimensions (in.)

Head room	front	37.9 / 963	37.9 / 963	38.3	37.9 / 963	37.9 (Wagon: 38.3)
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	2nd / 3rd row	38.2 / 969	38.2 / 969	39.8	38.2 / 969	38.2 (Wagon: 39.8)
Leg room	front	41.3	41.3	41.3	41.3	41.3
	2nd / 3rd row	35.8	35.8	36	35.8	35.8 (Wagon: 36.0)
Shoulder room	front	57.8 / 1467	57.8 / 1467	57.8	57.8 / 1467	57.8
	2nd	56.9 / 1446	56.9 / 1446	56.8	56.9 / 1446	56.9 (Wagon: 56.8)
Cargo Length	Back row up	37.8 / 960	37.8 / 960	47	37.8 / 960	37.8
	Back	--	--	79	--	--

### Capacities

Cabin volume (cu. ft.)		TBD	TBD	TBD	TBD	TBD
Cargo volume	seats up	15.9	15.9	29.0	15.9	29.0
	Back row down	--	--	57.4	--	57.4
Curb weight (lbs.)		4,059	3,825 (4MATIC: 3,979)	4,213	4,145	4,048 (Wagon: 4,282 est.)
Towing (lbs.)		1654.2	1654.2	TBD	1654.2	TBD
Max. total payload		TBD	TBD	TBD	TBD	1,213
Fuel tank/reserve (gallons)		21.1 / 2.4	21.1 / 2.4	21.1 / 2.4	21.1 / 2.4	21.1 / 3.7

AdBlue tank (gallons)	6.6	N/A	N/A	N/A	
<b>Performance</b>					
0-60 (seconds)	6.7	6.5 (4MATIC: 6.6) (est.)	6.9 (est.)	5.2	4.2 (4.1)* (Wagon: 4.3, 4.2*) (est.)
Top speed (mph)	130	130	130	130	155 (186)*
Fuel mileage, city/hwy	21 / 32 / 25	20 / 30 / 23 (4MATIC: 19 / 28 / 22)	19 / 27 / 22	16 / 26 / 20	16 / 24 / 19 (Wagon: 15 / 23 / 18)
<p>Note: Technical specifications are subject to change. Please visit the media web site <a href="http://media.mbusa.com">http://media.mbusa.com</a> for the latest information.</p>					