



2018 FIAT 500e SPECIFICATIONS

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*Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

Vehicle Type	A-segment hatchback
EPA Vehicle Class	Mini-compact
Assembly Plant	Toluca, Mexico
Introduction Date	Second quarter 2013 as a 2013 model

BODY/CHASSIS

Layout	Front-wheel drive (FWD)
Construction	Unitized steel body

ELECTRIC MOTOR

Availability	Standard — 500e
Type and Description	Permanent magnetic electric traction with electric-parking pawl
Power (SAE)	111 bhp (83 kW)
Torque (SAE)	147 lb.-ft. (200 N•m)
Max. Speed (estimated)	88 mph (141 kph)
EPA estimated miles-per-gallon equivalent (MPGe) Fuel Economy Label	121 MPGe (195 KPGe) — city 103 MPGe (166 KPGe) — highway 112 MPGe (180 KPGe) — combined
EPA estimated Driving Range	
City, typical	More than 100 miles (160 km)
Combined, Label	84 miles (135 km)
Emissions	Zero Emissions Vehicle (ZEV)

BATTERY SYSTEM: 24 KWH LIQUID-COOLED/HEATED LITHIUM-ION BATTERY

Availability	Standard — 500e
Type and Description	24 kilowatt-hours (kWh) capacity with 97 lithium-ion cells, 364 volts
Thermal Management System	4 mode: thermal equalization, passive cooling, active cooling and active heating
On-board Charging Module (OBCM)	6.6-kW including AC to DC conversion and Level 1 or Level 2 charging



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Estimated Charge Time	Level 1 (120-volt): less than 24 hours Level 2 (240-volt): less than 4 hours
Power Inverter Module	DC-to-AC and DC-to-DC
Connector	SAE J1772

VEHICLE COOLING MODULE

Availability	Standard — 500e
Type and Description	Brazed-aluminum radiators, aluminum condenser and cooling fan

TRANSMISSION: SINGLE-SPEED AUTOMATIC

Availability	Standard — 500e
Gear Ratios	
Reverse	9.59:1
Final-drive Ratio	9.59:1

ELECTRICAL SYSTEM

Battery	12 volt, 500 CCA, maintenance free
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SUSPENSION

Front	MacPherson suspension, coil spring with twin-tube struts and stabilizer bar
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers

STEERING

Type	Rack and pinion with electric power steering (EPS) column
Overall Ratio	16.3:1
Turning Diameter (curb-to-curb)	31.3 feet (9.54 m)
Steering Turns (lock-to-lock)	3.0

BRAKES

Availability	Standard — 500e
Front	
Rotor size and type	11.0 x 0.87 (284 x 22) vented
Caliper size and type	2.13 (54) single-piston with aluminum housing
Swept area	218 sq. in (1,410 sq. cm)
Estimated Charge Time	Level 1 (120-volt): less than 24 hours Level 2 (240-volt): less than 4 hours



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Swept area	218 sq. in (1,410 sq. cm)
Rear	
Rotor size and type	9.4 x 0.4 (251 x 11) solid
Caliper size and type	1.50 (38) single-piston with aluminum housing
Swept area	162 sq. in (1,048 sq. cm)



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DIMENSIONS AND CAPACITIES

Wheelbase	90.6 (2,300)
Track, Front	55.4 (1,407)
Track, Rear	55.0 (1,397)
Overall Length	142.4 (3,617)
Overall Width	64.1 (1,627)
Overall Height	60.1 (1,527)
Ground Clearance	4.5 (115)
Drag Coefficient (Cd)	0.311
Curb Weight, lb. (kg)	2,980 (1,355)
Weight Distribution, percent F/R	57 / 43

ACCOMMODATIONS

Seating Capacity, F/R	2/2
Front Seat	
Head Room	38.9 (989) 37.6 (956) with sunroof
Legroom	40.7 (1,035)
Shoulder Room	49.4 (1,255)
Hip Room	47.8 (1,215)
Total seat travel	Driver — 7.1 (180) Passenger — 7.1 (180)
EPA Front Row Interior Volume	45.3 cu. ft. (1.282 cu. m)
Rear Seat	
Headroom	35.5 (903)
Legroom	27.6 (702)
Shoulder Room	46.4 (1,179)
Hip Room	42.6 (1,083)
EPA Second Row Interior Volume	26.3 cu. ft. (0.745 cu. m)
Total Interior Volume	71.6 cu. ft. (2.027 cu. m)
EPA Luggage Compartment Volume	7.0 cu. ft. (0.199 cu. m)
EPA Interior Volume Index	78.6 cu. ft. (2.226 cu. m)
Trunk Lifter Height	28.1 (715)



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TIRES

Availability	Standard — 500e
Size and type	185/55R15 BSW All-season
Mfr. and model	Firestone Firehawk GT
Revs per mile (km)	906 (563)

WHEELS

Availability	Standard — 500e
Type and material	Cast-aluminum, five-hole design, painted Argento (silver) with Nero (black) accented inserts
Size	15 x 5.5 (front) and 15 x 6.5 (rear)
Availability	Included with e-Sport Package on 500e
Type and material	Cast-aluminum, five-hole design, painted Nero with Luminosa Orange paint accented inserts
Size	15 x 5.5 (front) and 15 x 6.5 (rear)

