



## 2014 Fiat 500e SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

### 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	111 bhp (83 kW)
Torque	147 lb.-ft. (200 N•m)
Max. Speed (estimated)	85 mph (137 kph)
EPA estimated miles-per-gallon equivalent (MPGe) Fuel Economy Label	
City	122 MPGe (195 KPGe)
Highway	108 MPGe (173 KPGe)
Combined	116 MPGe (186 KPGe)
EPA estimated Driving Range	
City, typical	More than 100 miles (160 km)
Combined, Label	87 miles (139 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 with AC to DC transformation with Level 1 or Level 2 charging
Estimated Charge Time	Level 1 (120V): less than 24 hours Level 2 (240V): 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 on 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 on 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 (1410 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 (1048 sq. cm)

**DIMENSIONS AND CAPACITIES<sup>(D)</sup>**

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 Front/Rear	57 / 43

(d) All dimensions measured at curb weight with standard tires.

**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 (1215)
Total seat travel	Driver — 8.2 (210) Passenger — 8.2 (210)
EPA front row interior volume	45.3 cu. ft. (1.282 cu. m)



**500E**  
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#### Rear Seat

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Head room	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 Liftover Height	28.1 (715)

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#### TIRES

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

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#### WHEELS

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Availability	Standard on 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)

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Availability	Included with e-Sport Package on 500e
Type and material	Cast-aluminum, five-hole design, painted Nero with Arancio Electrico Perla (Electric Orange Tri-coat paint) accented inserts
Size	15 x 5.5 (front) and 15 x 6.5 (rear)

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