

Model Year 2020

Alternative Fuel and Advanced Technology Vehicles

Battery Electric Vehicles (BEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)	All-Electric Range (mi)
BEV	Audi	e-tron	SUV	141 kW and 172 kW electric motors; 240 Ah battery	78/78/78	222
BEV	Audi	e-tron Sportback	SUV	141 kW and 172 kW electric motors; 240 Ah battery	76/77/78	218
BEV	BMW	i3	Sedan/Wagon	125 kW electric motor; 120 Ah battery	124/113/102	153
BEV	BMW	i3s	Sedan/Wagon	135 kW electric motor; 120 Ah battery	124/113/102	153
BEV	BYD Motors	e6	Sedan/Wagon	75 kW electric motor; 270 Ah battery	73/72/71	187
BEV	Chevrolet	Bolt EV	Sedan/Wagon	150 kW electric motor; 188 Ah battery	127/118/108	259
BEV	Hyundai	Ioniq Electric	Sedan/Wagon	100 kW electric motor; 120 Ah battery	145/133/121	170
BEV	Hyundai	Kona Electric	SUV	150 kW electric motor; 180 Ah battery	132/120/108	258
BEV	Jaguar	I-PACE	SUV	201 kW electric motor; 223 Ah battery	80/76/72	234
BEV	Kia	Niro Electric	Sedan/Wagon	150 kW electric motor; 180 Ah battery	123/112/102	239
BEV	Kia	Soul	Sedan/Wagon	201 kW electric motor; 180 Ah battery	127/114/101	243
BEV	Mini	Cooper SE Hardtop 2 door	Sedan/Wagon	135 kW electric motor; 93 Ah battery	115/108/100	110
BEV	Porsche	Taycan Turbo	Sedan/Wagon	170 kW electric motor; 129 Ah battery	68/71/69	201
BEV	Porsche	Taycan Turbo S	Sedan/Wagon	170 kW electric motor; 129 Ah battery	67/68/68	192
BEV	Tesla	Model 3 Long Range	Sedan/Wagon	211 kW electric motor; 230 Ah battery	136/130/123	330

Battery Electric Vehicles (BEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)	All-Electric Range (mi)
BEV	Tesla	Model 3 Long Range AWD	Sedan/Wagon	147 kW and 188 kW electric motors; 230 Ah battery	124/121/116	322
BEV	Tesla	Model 3 Long Range Performance AWD (18" Wheels)*	Sedan/Wagon	147 kW and 188 kW electric motors; 230 Ah battery	124/121/116	322
BEV	Tesla	Model 3 Mid Range	Sedan/Wagon	211 kW electric motor; 230 Ah battery	128/123/117	264
BEV	Tesla	Model 3 Standard Range	Sedan/Wagon	211 kW electric motor; 230 Ah battery	138/133/124	220
BEV	Tesla	Model 3 Standard Range Plus	Sedan/Wagon	211 kW electric motor; 230 Ah battery	148/132/141	250
BEV	Tesla	Model S Long Range	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	115/111/107	373
BEV	Tesla	Model S Performance (19" Wheels)**	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	104/104/104	348
BEV	Tesla	Model S Standard Range	Sedan/Wagon	193 kW and 205 kW electric motor; 245 Ah battery	113/109/105	287
BEV	Tesla	Model X Long Range	SUV	193 and 205 kW electric motors; 250 Ah battery	99/96/93	328
BEV	Tesla	Model X Performance (20" Wheels)***	SUV	205 and 375 kW electric motors; 250 Ah battery	90/90/89	305
BEV	Tesla	Model X Standard Range	SUV	193 and 205 kW electric motors; 250 Ah battery	105/101/98	258
BEV	Volkswagen	e-Golf	Sedan/Wagon	100 kW electric motor; 111 Ah battery	122/113/104	123

*This model is also available with 19" or 20" wheels, at reduced fuel economy and range.

**This model is also available with 21" wheels, at reduced fuel economy and 326 miles range.

***This model is also available with 22" wheels, at reduced fuel economy and 272 miles range.

Biodiesel (B20) Vehicles

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Diesel, City/Combined/Highway (MPG)
B20	Chevrolet	Colorado 2WD	Pickup	2.8L I4	22/23/30
B20	Chevrolet	Colorado 4WD	Pickup	2.8L I4	19/22/28
B20	Chevrolet	Colorado ZR2 4WD	Pickup	2.8L I4	18/19/22
B20	Chevrolet	Silverado 2WD	Pickup	3.0L V6	23/27/33
B20	Chevrolet	Silverado 4WD	Pickup	3.0L V6	23/25/29
B20	GMC	Canyon 2WD	Pickup	2.8L I4	20/23/30
B20	GMC	Canyon 4WD	Pickup	2.8L I4	19/22/28
B20	GMC	Sierra 2WD	Pickup	3.0L V6	23/26/30
B20	GMC	Sierra 4WD	Pickup	3.0L V6	22/24/26
B20	GMC	Sierra 4WD AT4	Pickup	3.0L V6	22/24/26
B20	Land Rover	Range Rover	SUV	3.0L V6	22/24/28
B20	Land Rover	Range Rover Discovery	SUV	3.0L V6	21/23/26
B20	Land Rover	Range Rover Sport	SUV	3.0L V6	22/24/28

Flexible Fuel Vehicles (FFV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)	Fuel Economy, E85, City/Combined/Highway (MPG)
FFV	Chevrolet	Impala	Sedan/Wagon	3.6L V6	18/22/28	14/16/20
FFV	Chevrolet	Silverado 2WD	Pickup	5.3L V8	15/16/19	11/12/14
FFV	Chevrolet	Silverado 4WD	Pickup	5.3L V8	14/16/18	11/12/13
FFV	Chevrolet	Suburban C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	Chevrolet	Suburban K1500 4WD	SUV	5.3L V8	14/16/21	11/12/16
FFV	Chevrolet	Tahoe C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	Chevrolet	Tahoe K1500 4WD	SUV	5.3L V8	15/17/21	11/13/16
FFV	Ford	Explorer AWD FFV	SUV	3.5L V6	16/19/23	11/13/15
FFV	Ford	F-150 2WD FFV	Pickup	5.0L V8	17/19/23	12/14/17
FFV	Ford	F-150 2WD FFV	Pickup	3.3L V6	19/22/25	14/16/19
FFV	Ford	F-150 4WD FFV	Pickup	5.0L V8	15/18/21	12/13/15
FFV	Ford	F-150 4WD FFV	Pickup	3.3L V6	18/20/23	13/15/17
FFV	Ford	Transit Connect Van FFV*	Van	2.0L I4	24/25/27	18/19/20
FFV	Ford	Transit Connect Wagon LWB FFV*	Van	2.0L I4	24/26/29	17/19/21
FFV	Ford	Transit T150 Wagon 2WD FFV	Van	3.5L V6	15/17/19	11/12/15
FFV	Ford	Transit T150 Wagon 4WD FFV	Van	3.5L V6	14/16/19	11/12/14
FFV	GMC	Sierra 2WD	Pickup	5.3L V8	15/16/19	11/12/14

Flexible Fuel Vehicles (FFV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)	Fuel Economy, E85, City/Combined/Highway (MPG)
FFV	GMC	Sierra 4WD	Pickup	5.3L V8	14/16/19	11/12/14
FFV	GMC	Yukon K1500 4WD	SUV	5.3L V8	15/17/21	11/13/16
FFV	GMC	Yukon K1500 XL 4WD	SUV	5.3L V8	14/16/21	11/12/15
FFV	GMC	Yukon XL C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17
FFV	GMC	Yukon XL C1500 2WD	SUV	5.3L V8	15/18/22	11/13/17

**This vehicle is only available in certain states. See dealer for details.*

Fuel Cell Vehicles (FCV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Propulsion; Battery	Fuel Economy, Hydrogen, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)
FCV	Honda	Clarity	Sedan/Wagon	130 kW electric motor; 346 V Lithium Ion battery	68/68/67
FCV	Hyundai	Nexo	SUV	120 kW electric motor; 240 V Lithium Ion battery	59/57/54
FCV	Hyundai	Nexo Blue	SUV	120 kW electric motor; 240 V Lithium Ion battery	65/61/58
FCV	Toyota	Mirai	Sedan/Wagon	113 kW electric motor; 245 V Nickel-Metal Hydride battery	67/67/67

Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Acura	MDX AWD	SUV	3.0L V6	26/27/27
HEV	Acura	NSX	Sedan/Wagon	3.5L V6	21/21/22
HEV	Acura	RLX	Sedan/Wagon	3.5L V6	28/28/29
HEV	Audi	A6 Allroad	Sedan/Wagon	3.0L V6	20/22/26
HEV	Audi	A6 quattro	Sedan/Wagon	2.0L I4	24/27/32
HEV	Audi	A6 quattro	Sedan/Wagon	3.0L V6	22/24/29
HEV	Audi	A7 quattro	Sedan/Wagon	3.0L V6	22/24/29
HEV	Audi	A8L	Sedan/Wagon	3.0L V6	17/21/26
HEV	Audi	A8L	Sedan/Wagon	4.0L V8	15/18/23
HEV	Audi	Q7	Sedan/Wagon	3.0L V6	17/18/21
HEV	Audi	Q8	Sedan/Wagon	3.0L V6	17/18/21
HEV	Audi	RS Q8	SUV	4.0L V8	13/15/19
HEV	Audi	S6	Sedan/Wagon	2.9L V6	18/22/28
HEV	Audi	S7	Sedan/Wagon	2.9L V6	18/22/28
HEV	Audi	S8	Sedan/Wagon	4.0L V8	13/16/22
HEV	Ford	Escape AWD HEV	Sedan/Wagon	2.5L I4	43/40/37
HEV	Ford	Escape FWD HEV	Sedan/Wagon	2.5L I4	44/41/37

Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Ford	Explorer HEV AWD	SUV	3.3L V6	23/25/26
HEV	Ford	Explorer HEV RWD	SUV	3.3L V6	27/28/29
HEV	Ford	Fusion Hybrid FWD	Sedan/Wagon	2.0L I4	43/42/41
HEV	Ford	Fusion Hybrid TAXI	Sedan/Wagon	2.0L I4	43/41/40
HEV	Honda	Accord	Sedan/Wagon	2.0L I4	48/48/47
HEV	Honda	CR-V AWD	SUV	2.0L I4	40/38/35
HEV	Honda	Insight	Sedan/Wagon	1.5L I4	55/52/49
HEV	Honda	Insight Touring	Sedan/Wagon	1.5L I4	51/48/45
HEV	Hyundai	Ioniq	Sedan/Wagon	1.6L I4	55/55/54
HEV	Hyundai	Ioniq Blue	Sedan/Wagon	1.6L I4	57/58/59
HEV	Hyundai	Sonata Hybrid	Sedan/Wagon	2.0L I4	45/47/51
HEV	Hyundai	Sonata Hybrid Blue	Sedan/Wagon	2.0L I4	51/52/54
HEV	Jeep	Wrangler 4x4	SUV	2.0L I4	21/21/22
HEV	Jeep	Wrangler Unlimited 4x4	SUV	2.0L I4	21/21/22
HEV	Jeep	Wrangler Unlimited 4x4	SUV	3.6L V6	19/20/22
HEV	Kia	Niro	Sedan/Wagon	1.6L I4	51/49/46
HEV	Kia	Niro FE	Sedan/Wagon	1.6L I4	52/50/49

Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Kia	Niro Touring	Sedan/Wagon	1.6L I4	46/43/40
HEV	Kia	Optima Hybrid	Sedan/Wagon	2.0L I4	41/42/45
HEV	Land Rover	Range Rover MHEV	SUV	3.0L V6	19/21/25
HEV	Land Rover	Range Rover Sport MHEV	SUV	3.0L V6	19/21/25
HEV	Lexus	ES 300h	Sedan/Wagon	2.5L I4	43/44/44
HEV	Lexus	LC 500h	Sedan/Wagon	3.5L V6	27/30/35
HEV	Lexus	LS 500h	Sedan/Wagon	3.5L V6	25/28/33
HEV	Lexus	LS 500h AWD	Sedan/Wagon	3.5L V6	23/26/31
HEV	Lexus	NX 300h AWD	SUV	2.5L I4	33/31/30
HEV	Lexus	RX 450h AWD	SUV	3.5L V6	31/30/28
HEV	Lexus	RX 450hL AWD	SUV	3.5L V6	29/29/28
HEV	Lexus	UX 250h	Sedan/Wagon	2.0L I4	43/42/41
HEV	Lexus	UX 250h AWD	Sedan/Wagon	2.0L I4	41/39/38
HEV	Lincoln	MKZ Hybrid FWD	Sedan/Wagon	2.0L I4	42/41/39
HEV	Mercedes-Benz	AMG CLS53 4MATIC+	Sedan/Wagon	3.0L V6	21/23/27
HEV	Mercedes-Benz	AMG E53 4MATIC+	Sedan/Wagon	3.0L V6	21/24/28
HEV	Mercedes-Benz	AMG E53 4MATIC+ (Convertible)	Sedan/Wagon	3.0L V6	20/23/26

Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Mercedes-Benz	AMG E53 4MATIC+ (Coupe)	Sedan/Wagon	3.0L V6	21/23/28
HEV	Mercedes-Benz	AMG GT 53 4MATIC+	Sedan/Wagon	3.0L V6	19/21/24
HEV	Mercedes-Benz	CLS 450	Sedan/Wagon	3.0L V6	24/26/31
HEV	Mercedes-Benz	CLS 450 4MATIC	Sedan/Wagon	3.0L V6	23/26/30
HEV	Mercedes-Benz	GLE 450 4MATIC	Sedan/Wagon	3.0L V6	19/21/24
HEV	Mercedes-Benz	GLE 580 4MATIC	Sedan/Wagon	4.0L V8	17/19/21
HEV	Mercedes-Benz	GLS 450 4MATIC	Sedan/Wagon	3.0L V6	19/21/23
HEV	Mercedes-Benz	GLS 580 4MATIC	Sedan/Wagon	4.0L V8	16/18/21
HEV	Ram	1500 2WD	Pickup	5.7L V8	17/19/23
HEV	Ram	1500 2WD	Pickup	3.6L V6	20/22/25
HEV	Ram	1500 4WD	Pickup	5.7L V8	17/19/22
HEV	Ram	1500 4WD	Pickup	3.6L V6	19/21/24
HEV	Ram	1500 HFE 2WD	Pickup	3.6L V6	20/23/26
HEV	Toyota	Avalon Hybrid	Sedan/Wagon	2.5L I4	43/43/43
HEV	Toyota	Avalon Hybrid XLE	Sedan/Wagon	2.5L I4	43/44/44
HEV	Toyota	Camry Hybrid LE	Sedan/Wagon	2.5L I4	51/52/53
HEV	Toyota	Camry Hybrid XLE/SE	Sedan/Wagon	2.5L I4	44/46/47

Hybrid Electric Vehicles (HEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders	Fuel Economy, Gasoline, City/Combined/Highway (MPG)
HEV	Toyota	Corolla Hybrid	Sedan/Wagon	1.8L I4	53/52/52
HEV	Toyota	Highlander Hybrid	SUV	2.5L I4	36/36/35
HEV	Toyota	Highlander Hybrid AWD	SUV	3.5L V6	35/35/35
HEV	Toyota	Highlander Hybrid AWD LTD/PLAT	SUV	3.5L V6	35/35/34
HEV	Toyota	Prius	Sedan/Wagon	1.8L I4	54/52/50
HEV	Toyota	Prius AWD	Sedan/Wagon	1.8L I4	52/50/48
HEV	Toyota	Prius Eco	Sedan/Wagon	1.8L I4	58/56/53
HEV	Toyota	RAV4 Hybrid AWD	SUV	2.5L I4	41/40/38

Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe) †	All-Electric Range (mi)
PHEV (Parallel)	Audi	A8L	Sedan/Wagon	3.0L V6; 100 kW electric motor	21/23/27	54	17
PHEV (Parallel)	Audi	Q5	Sedan/Wagon	2.0L I4; 105 kW electric motor	25/27/29	65	20
PHEV (Parallel)	BMW	530e	Sedan/Wagon	2.0L I4; 83 kW electric motor	25/27/31	69	21
PHEV (Parallel)	BMW	530e xDrive	Sedan/Wagon	2.0L I4; 83 kW electric motor	23/25/29	65	19
PHEV (Parallel)	BMW	745e xDrive	Sedan/Wagon	3.0L V6; 83 kW electric motor	19/22/26	56	16
PHEV (Parallel)	BMW	i8 Coupe	Sedan/Wagon	1.5L I3; 105 kW electric motor	26/27/29	69	18
PHEV (Parallel)	BMW	i8 Roadster	Sedan/Wagon	1.5L I3; 105 kW electric motor	26/27/29	69	18
PHEV (Parallel)	BMW	X3 xDrive30e	SUV	2.0L I4; 80 kW electric motor	21/24/27	60	18
PHEV (Parallel)	Chrysler	Pacifica Hybrid	Van	3.6L V6; 89 kW electric motor	29/30/30	N/A	32
PHEV (Parallel)	Ford	Fusion Energi Plug in Hybrid FWD	Sedan/Wagon	2.0L I4; 68 kW electric motor	43/42/40	103	26
PHEV (Parallel)	Ford	Fusion Special Service PHEV	Sedan/Wagon	2.0L I4; 68 kW electric motor	43/42/40	102	26
PHEV (Parallel)	Honda	Clarity PHEV	Sedan/Wagon	1.5L I4; 135 kW electric motor	44/42/40	110	48
PHEV (Parallel)	Hyundai	Ioniq Plug-in Hybrid	Sedan/Wagon	1.6L I4; 32 kW electric motor	53/52/52	119	29
PHEV (Series)	Karma	Revero GT (21" wheels)	Sedan/Wagon	1.5L I3; 175 kW electric motors (x2)	27/26/25	N/A	61
PHEV (Parallel)	Kia	Niro Plug-in Hybrid	Sedan/Wagon	1.6L I4; 32 kW electric motor	48/46/44	105	26
PHEV (Parallel)	Kia	Optima Plug-In Hybrid	Sedan/Wagon	2.0L I4; 50 kW electric motor	39/41/40	101	28

Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†	All-Electric Range (mi)
PHEV (Parallel)	Land Rover	Range Rover PHEV	SUV	2.0L I4; 105 kW electric motor	18/19/21	42	19
PHEV (Parallel)	Land Rover	Range Rover Sport PHEV	SUV	2.0L I4; 105 kW electric motor	18/19/21	42	19
PHEV (Parallel)	Lincoln	Aviator AWD PHEV	SUV	3.0L V6; 74 kW electric motor	22/23/25	56	21
PHEV (Parallel)	Mercedes-Benz	S 560e	SUV	3.0L V6; 90 kW electric motor	21/23/26	N/A	19
PHEV (Parallel)	Mini	Cooper SE Countryman ALL4	Sedan/Wagon	1.5L I3; 65 kW electric motor	29/29/30	73	18
PHEV (Parallel)	Mitsubishi	Outlander PHEV	SUV	2.0L I4; 60 kW electric motor	25/25/26	74	22
PHEV (Series)	Porsche	Panamera 4 e-Hybrid	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera 4 e-Hybrid Executive	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera 4 e-Hybrid ST	Sedan/Wagon	2.9L V6; 70 kW electric motor	21/23/24	51	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid Executive	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Series)	Porsche	Panamera Turbo S e-Hybrid ST	Sedan/Wagon	4.0L V8; 70 kW electric motor	19/20/22	48	14
PHEV (Parallel)	Subaru	Crosstrek Hybrid AWD	SUV	2.0L I4; 88 kW electric motor	36/35/35	90	17
PHEV (Parallel)	Toyota	Prius Prime	Sedan/Wagon	1.8L I4; 23 & 53 kW electric motor	55/54/53	133	25
PHEV (Parallel)	Volvo	S60 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	28/30/33	69	22
PHEV (Parallel)	Volvo	S90 AWD	Sedan/Wagon	2.0L I4; 34 & 65 kW electric motors	28/30/31	60	21

Plug-in Hybrid Electric Vehicles (PHEV)

Fuel/Powertrain Type	Make	Model	Vehicle Type	Engine Size/Cylinders; Electric Propulsion	Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)	Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†	All-Electric Range (mi)
PHEV (Parallel)	Volvo	V60 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	28/30/33	69	22
PHEV (Parallel)	Volvo	XC60 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	26/27/28	57	19
PHEV (Parallel)	Volvo	XC90 AWD	SUV	2.0L I4; 34 & 65 kW electric motors	26/27/28	55	18

†Values are for combined gasoline plus electric operation for "parallel" PHEVs, or electric-only operation for "series" PHEVs.

NOTES

Some vehicles may not qualify for vehicle-acquisition credits under the U.S. DOE's EPA State and Fuel Provider or Federal Fleet Management programs. Contact these programs about eligible vehicles.

For emissions certification requirements, refer to the EPA Green Vehicle Guide at fuelconomy.gov/feg/download.shtml.

