

TABLE B-1 BEV Battery Cell, Battery Pack Manufacturers and Vehicle Assembly Locations by Make and Model

Vehicle Make	Vehicle Model	Calendar Year	Cell OEM	Pack OEM	Cell Production Location	Pack Production Location	Vehicle Assembly Location*	Battery Size (kWh)	Cumulative Sales (2010-2020, thousands)
Audi	E-tron	2019-2020	LG Chem ^{47,48,49}	LG Chem ⁵⁰	Poland ^{51,52}	Belgium ^{53,54}	Belgium ⁵⁵	95	12.6
BMW	Active E	2012	Samsung ⁵⁶	Bosch ⁵⁷	Korea ⁵⁸	Germany ⁵⁹	Germany ⁶⁰	32	0.7
BMW	i3	2014-2018	Samsung ^{61,62}	Samsung SDI ⁶³	Korea ^{64,65}	Germany ^{66,67}	Germany ⁶⁸	22-33	10.4
BMW	i3	2018-2020	Samsung ^{69,70}	Samsung SDI	Hungary ⁷¹	Hungary ⁷²	Germany	33-42	3.0
Chevrolet	Bolt	2016-2019	LG Chem ^{73,74}	LG Chem ⁷⁵	Korea ^{76,77}	MI, † U.S. ^{78,79}	MI, U.S. ^{80,81}	60	50.2
Chevrolet	Bolt	2019 [‡] - 2020	LG Chem	LG Chem	MI, U.S. ^{82,83,84}	MI, U.S. ⁸⁵	MI, U.S.	60-66	28.9
Chevrolet	Spark	2013-2014	A123 ⁸⁶	A123 ⁸⁷	MI, U.S. ⁸⁸	MI, U.S. ⁸⁹	Korea ^{90,91}	19	1.7
Chevrolet	Spark	2015-2016	LG Chem ⁹²	LG Chem ⁹³	MI, U.S. ⁹⁴	MI, U.S. ⁹⁵	Korea ⁹⁶	19	5.7
Fiat	500e	2013-2020	Samsung ^{97,98}	Bosch ^{99,100}	MI, † U.S. ¹⁰¹	MI, † U.S. ^{102,103}	Mexico ¹⁰⁴	24	14.0
Ford	Focus EV	2012-2013	LG Chem ^{105,106}	LG Chem ¹⁰⁷	Korea ¹⁰⁸	MI, † U.S. ¹⁰⁹	MI, U.S. ¹¹⁰	23	2.0
Ford	Focus EV	2013-2018	LG Chem ^{111,112}	LG Chem ¹¹³	MI, U.S. ^{114,115,116}	MI, U.S. ^{117,118}	MI, U.S. ¹¹⁹	23-34	7.2
Ford	Mustang Mach E	2020	LG Chem ^{120,121}	LG Chem [#]	Poland ^{122,123}	MI, † U.S. [#]	Mexico ¹²⁴	88	0.003
Honda	Clarity Electric [§]	2017-2020	Panasonic ¹²⁵	Panasonic	Japan	Japan	Japan [¶]	26	2.7
Honda	Fit EV	2012-2014	Toshiba ¹²⁶	Toshiba ¹²⁷	Japan ^{128,129}	Japan	Japan ¹³⁰	20	1.1
Hyundai	Ioniq Electric	2017-2020	LG Chem ¹³¹	LG Chem ^{132,133}	Korea ^{134,◇}	Korea	Korea ¹³⁵	28-38	4.1
Hyundai	Kona Electric	2019-2020	LG Chem ^{136,137}	LG Chem ¹³⁸	Korea ^{139,◇}	Korea ¹⁴⁰	Korea ¹⁴¹	64	6.6
Jaguar	I-Pace	2018-2020	LG Chem ¹⁴²	Jaguar ^{143,144}	Poland ¹⁴⁵	Poland ¹⁴⁶	Austria ¹⁴⁷	90	4.4
Kia	Niro Electric	2019-2020	SK Innovation ^{148,149}	SK Innovation ¹⁵⁰	Korea	Korea ¹⁵¹	Korea ¹⁵²	64	5.4
Kia	Soul EV	2014-2018	SK Innovation ^{153,154}	SK Innovation ^{155,156}	Korea ^{157,158}	Korea ¹⁵⁹	Korea ¹⁶⁰	27-30	6.3
Mercedes	B-Class Electric Drive	2014-2016	Panasonic ^{161,162}	Tesla ^{163,164}	Japan	CA, † U.S.	Germany ¹⁶⁵	28	3.3

TABLE B-1 (Cont.)

Vehicle Make	Vehicle Model	Calendar Year	Cell OEM	Pack OEM	Cell Production Location	Pack Production Location	Vehicle Assembly Location*	Battery Size (kWh)	Cumulative Sales (2010-2020, thousands)
Mercedes	B-Class Electric Drive	2017 ¹⁶⁶ -2018	SK Innovation ¹⁶⁷	Accumotive ¹⁶⁸	Korea ¹⁶⁹	Germany ¹⁷⁰	Germany	28	0.9
MINI	Cooper SE	2020	Samsung [^]	Samsung SDI [^]	Korea [^]	Germany ¹⁷¹	U.K. ¹⁷²	33	0.4
Mitsubishi	I EV	2011-2017	GS Yuasa ¹⁷³	GS Yuasa ¹⁷⁴	Japan	Japan ¹⁷⁵	Japan ^{176,177}	16	2.1
Nissan	Leaf	2010-2012	AESC	AESC ¹⁷⁸	Japan ^Δ	Japan ^Δ	Japan ¹⁷⁹	24	19.5
Nissan	Leaf	2013-2020	AESC ^{180,181}	AESC ^{182,183}	TN, U.S. ^{184,185}	TN, U.S. ^{186,187}	TN, U.S. ^{188,189}	24-62	132.0
Polestar	2	2020	LG Chem ¹⁹⁰	LG Chem ¹⁹¹	China ^{‡‡}	China ^{‡‡}	China ¹⁹²	78	0.1
Porsche	Taycan	2019-2020	LG Chem ¹⁹³	Draexlmaier ^{194,195}	Korea ¹⁹⁶	Germany ¹⁹⁷	Germany ¹⁹⁸	93	4.5
Smart	ED	2011-2015	Li-tec ¹⁹⁹	Accumotive ²⁰⁰	Germany ²⁰¹	Germany ²⁰²	France	17-18	5.4
Smart	ED	2016-2019	LG Chem ^{203,204}	Accumotive ²⁰⁵	Korea	Germany ²⁰⁶	France ²⁰⁷	18	3.1
Tesla	Model 3	2017-2020	Panasonic ^{208,209}	Tesla ²¹⁰	NV, U.S. ^{211,212}	NV, U.S. ²¹³	CA, U.S. ^{214,215}	54-75	355.7
Tesla	Model S	2012-2020	Panasonic ^{216,217}	Tesla ²¹⁸	Japan ^{219,220}	CA, † U.S. ²²¹	CA, U.S. ²²²	60-100	176.6
Tesla	Model X	2015-2020	Panasonic ^{223,224}	Tesla ²²⁵	Japan ^{226,227}	CA, † U.S. ²²⁸	CA, U.S. ²²⁹	60-100	99.5
Tesla	Model Y	2020	Panasonic ²³⁰	Tesla	NV, U.S. ²³¹	NV, † U.S.	CA, U.S. ^{232,233}	75	58.2
Toyota	RAV4 EV	2012-2014	Panasonic	Tesla ^{234,235}	Japan	CA, † U.S. ²³⁶	Canada ²³⁷	42	2.4
Volkswagen	e-golf	2014-2016	Panasonic ²³⁸	Sanyo ²³⁹	Korea	Germany ²⁴⁰	Germany ²⁴¹	24	8.5
Volkswagen	e-golf	2017-2020	Samsung ^{242,243}	Samsung SDI ²⁴⁴	Korea ²⁴⁵	Hungary ^{246,247}	Germany ²⁰²	24	10.5

* Vehicle assembly locations are from AALA unless cited otherwise. AALA was consulted for all models [248]

† USA state location is best estimate based on nearest known factory

‡ For the Chevy Bolt, we assume that the 50,932 recalled vehicles in the U.S. had cells produced in Korea and the remainder in the U.S. [249,250]

For the Ford Mustang MACH E battery pack OEM and location, we assume the same as other Ford vehicles

§ Data are limited for the Honda Clarity BEV; unless cited otherwise, we assume the same as Honda Clarity PHEV

¶ A VIN search for the Honda Clarity BEV shows the 11th digit 'C', implying assembly at Sayama plant in Japan

◇ For the Hyundai Ioniq EV and Kona EV, cell production may be in Nanjing, China [251,252]

^ For the MINI Cooper SE, unless otherwise cited, we assume the same OEM as the MINI Countryman SE PHEV

Δ For the early Nissan Leaf models, we assume that the battery cell and pack locations are the same as the assembly location

‡‡ For the Polestar 2, we assume the same location as the Volvo S90, which is also the closest LG Chem plant to the assembly location

TABLE B-2 PHEV Battery Cell, Battery Pack Manufacturers and Vehicle Assembly Locations by Make and Model

Vehicle Make	Vehicle Model	Calendar Year	Cell OEM	Pack OEM	Cell Production Location	Pack Production Location	Vehicle Assembly Location*	Battery Size (kWh)	Cumulative Sales (2010-2020, thousands)
Audi	A3 Plug-in	2016-2019	Panasonic ²⁵³	Panasonic ²⁵⁴	Japan ²⁵⁵	Germany [†]	Germany ²⁵⁶	9	9.6
Audi	A8 Plug-in	2020	LG Chem ²⁵⁷	LG Chem	Poland	Belgium ²⁵⁸	Germany ²⁵⁹	14	0.03
Audi	Q5	2019-2020	LG Chem ²⁶⁰	LG Chem	Poland ²⁶¹	Belgium ²⁶²	Mexico ²⁶³	14	1.7
BMW	3-Series Plug-in	2016-2020	Samsung	Samsung SDI ²⁶⁴	Korea ²⁶⁵	Hungary ²⁶⁶	Germany ²⁶⁷	8	9.6
BMW	5-Series Plug-in	2017-2020	Samsung ²⁶⁸	BMW Group ²⁶⁹	Korea ²⁷⁰	Germany ²⁷¹	Austria ²⁷²	9-12	22.8
BMW	7-Series Plug-in	2016-2020	Samsung ²⁷³	Samsung SDI ²⁷⁴	Korea ²⁷⁵	Germany ²⁷⁶	Germany ²⁷⁷	9-12	1.6
BMW	i3 REx [#]	2014-2018	Samsung	Samsung SDI	Korea	Germany	Germany	22-33	24.6
BMW	i3 REx [#]	2018-2020	Samsung	Samsung SDI	Hungary	Hungary	Germany	33-42	5.5
BMW	i8	2014-2020	Samsung ²⁷⁸	Samsung SDI ²⁷⁹	Korea	Germany ²⁸⁰	Germany ²⁸¹	7-12	7.0
BMW	X3	2020	Samsung ²⁸²	BMW Group ^{283,284}	Korea ²⁸⁵	SC, U.S. ^{286,287}	SC, U.S. ²⁸⁸	12	0.9
BMW	X5	2015-2020	Samsung ^{289,290}	BMW Group ^{291,292}	Korea ²⁹³	SC, U.S. ^{294,295}	SC, U.S. ^{296,297}	9-24	18.7
Cadillac	CT6	2017-2018	LG Chem ²⁹⁸	LG Chem	MI, † U.S. ²⁹⁹	MI, U.S. ^{300,301}	China ³⁰²	18	0.5
Cadillac	ELR	2013-2016	LG Chem ³⁰³	LG Chem ³⁰⁴	MI, U.S. ³⁰⁵	MI, U.S. ^{306,307}	MI, U.S. ³⁰⁸	17	2.9
Chevrolet	Volt	2010-2013	LG Chem ³⁰⁹	LG Chem ³¹⁰	Korea ³¹¹	MI, U.S. ³¹²	MI, U.S.	16	48.2
Chevrolet	Volt	2013-2019	LG Chem ³¹³	LG Chem ^{314,315}	MI, U.S. ^{316,317}	MI, U.S. ³¹⁸	MI, U.S. ^{319,320}	17-18	108.8
Chrysler	Pacifica Plug-in Hybrid	2017-2020	LG Chem ³²¹	LG Chem ³²²	MI, U.S. ³²³	MI, U.S. ^{324,325}	Canada ³²⁶	16	22.7
Ford	C-Max Energi	2012-2018	Panasonic ³²⁷	Panasonic ³²⁸	MI, † U.S. ³²⁹	MI, U.S. ³³⁰	MI, U.S. ³³¹	8	42.2
Ford	Fusion Energi	2013-2020	Panasonic ^{332,333}	Panasonic ³³⁴	MI, † U.S.	MI, U.S. ³³⁵	Mexico ^{336,337}	8	72.8
Honda	Accord PHEV	2013-2015	Blue Energy ³³⁸	Blue Energy ³³⁹	Japan ³⁴⁰	Japan	Japan ³⁴¹	7	1.0
Honda	Clarity Plug-in [§]	2017-2020	Panasonic ³⁴²	Panasonic ³⁴³	Japan	Japan	Japan ³⁴⁴	17	34.2
Hyundai	Ioniq Plug-in [¶]	2018-2020	LG Chem ³⁴⁵	LG Chem	Korea ³⁴⁶	Korea	Korea ³⁴⁷	9	7.8
Hyundai	Sonata Plug-in	2015-2020	LG Chem ³⁴⁸	LG Chem ^{349,350}	Korea ³⁵¹	Korea	Korea ³⁵²	10	6.7
Jeep	Wrangler PHEV [^]	2020	LG Chem	LG Chem	MI, U.S.	MI, U.S.	OH, U.S. ³⁵³	17	0.1
Kia	Niro Plug-in ^Δ	2018-2020	SK Innovation ³⁵⁴	SK Innovation ³⁵⁵	Korea ³⁵⁶	Korea	Korea ³⁵⁷	9	10.1
Kia	Optima Plug-in [◊]	2017-2020	SK Innovation	LG Chem ³⁵⁸	Korea	Korea ³⁵⁹	Korea ³⁶⁰	10	2.8

TABLE B-2 (Cont.)

Vehicle Make	Vehicle Model	Calendar Year	Cell OEM	Pack OEM	Cell Production Location	Pack Production Location	Vehicle Assembly Location*	Battery Size (kWh)	Cumulative Sales (2010-2020, thousands)
Land Rover	Range Rover Plug-in, Range Rover Sport Plug-in	2019-2020	Samsung ^{361,362}	Jaguar ³⁶³	Hungary ³⁶⁴	U.K. ³⁶⁵	U.K. ³⁶⁶	13	1.8
Lincoln	Aviator Plug-in	2019-2020	LG Chem ³⁶⁷	LG Chem ³⁶⁸	MI, [†] U.S.	MI, [†] U.S.	IL, U.S. ^{369,370}	14	1.9
Mercedes	C350We	2016-2020	SK Innovation ^{371,372}	Accumotive ³⁷³	Korea ³⁷⁴	Germany ^{375,376}	AL, U.S. ³⁷⁷	6	1.9
Mercedes	GLC350e	2018-2020	SK Innovation ^{378,379}	Accumotive ³⁸⁰	Korea ³⁸¹	Germany ^{382,383}	Germany ^{384,385}	9-14	8.8
Mercedes	GLE 550e	2016-2019	SK Innovation ^{386,387}	Accumotive ³⁸⁸	Korea ³⁸⁹	Germany ^{390,391}	AL, U.S. ³⁹²	9	1.4
Mercedes	S550 Plug-in	2015-2018	SK Innovation ^{393,394}	Accumotive ^{395,396}	Korea ³⁹⁷	Germany	Germany ³⁹⁸	6	1.4
MINI	Countryman S E ^{††}	2017-2020	Samsung	Samsung SDI	Korea	Germany	Netherlands ³⁹⁹	8-10	3.2
Mitsubishi	Outlander Plug-in	2018-2020	GS Yuasa ⁴⁰⁰	GS Yuasa ⁴⁰¹	Japan ⁴⁰²	Japan ⁴⁰³	Japan ⁴⁰⁴	12	8.9
Polestar	1	2020	LG Chem ⁴⁰⁵	LG Chem ⁴⁰⁶	China ^{^^}	China ^{^^}	China ⁴⁰⁷	34	0.01
Porsche	Cayenne E-Hybrid	2014-2019	Panasonic ⁴⁰⁸	Bosch ⁴⁰⁹	Japan	Germany	Germany ⁴¹⁰	11	7.3
Porsche	Cayenne E-Hybrid	2020 ^{§§}	Panasonic	Bosch	Japan	Germany	Slovakia ⁴¹¹	14	2.4
Porsche	Panamera E-Hybrid ^{¶¶}	2013-2020	Panasonic ⁴¹²	Bosch ⁴¹³	Japan	Germany	Germany ⁴¹⁴	9-14	4.8
Subaru	Crosstrek Hybrid ^{ΔΔ}	2019-2020	Panasonic	Panasonic	Japan	Japan	Japan	9	5.1
Toyota	Prius PHEV	2012-2016	Panasonic ⁴¹⁵	Primearth EV Energy ⁴¹⁶	Japan ⁴¹⁷	Japan	Japan ⁴¹⁸	4	42.3
Toyota	Prius Prime PHEV	2016-2020	Panasonic	Panasonic ⁴¹⁹	Japan ⁴²⁰	Japan ⁴²¹	Japan	9	87.5
Toyota	RAV4 Prime ^{◊◊}	2020	Panasonic	Panasonic	Japan	Japan	Japan ⁴²²	18	3.2
Volvo	S90 Plug-in	2017-2020	LG Chem ⁴²³	LG Chem ⁴²⁴	China ⁴²⁵	China	China ⁴²⁶	9-10	0.8
Volvo	V60 Plug-in	2019-2020	LG Chem ⁴²⁷	LG Chem ⁴²⁸	Poland ⁴²⁹	Belgium ⁴³⁰	Belgium ⁴³¹	12	1.0

TABLE B-2 (Cont.)

Vehicle Make	Vehicle Model	Calendar Year	Cell OEM	Pack OEM	Cell Production Location	Pack Production Location	Vehicle Assembly Location*	Battery Size (kWh)	Cumulative Sales (2010-2020, thousands)
Volvo	XC60 Plug-in	2017-2020	LG Chem ⁴³²	LG Chem ^{433,434}	Poland ⁴³⁵	Poland ⁴³⁶	Sweden ⁴³⁷	10-12	6.5
Volvo	XC90 Plug-in	2015-2020	LG Chem ⁴³⁸	LG Chem ^{439,440}	Poland ⁴⁴¹	Poland ⁴⁴²	Sweden ⁴⁴³	9-10	11.0

* Vehicle assembly locations are from AALA unless cited otherwise. AALA was consulted for all models [444]

† USA state location is best estimate based on nearest known factory

‡ No references available for the Audi A3 Plug-in battery pack location, so we assume that it is close to the assembly location

For the BMW i3 REx, we assume the same OEMs and locations as the i3 BEV

§ Data are limited for the Honda Clarity PHEV; we use the available sources to form our assumptions. The batteries may be produced by Blue Energy, as indicated by a comment in [445]

¶ We assume that the Hyundai Ioniq PHEV is the same as the Ioniq EV unless otherwise cited

^ For the Jeep Wrangler battery pack and cell OEM and location, we assume the same as the Chrysler Pacifica PHEV [446]

Δ For the Kia Niro PHEV, we assume the battery OEMs and locations are the same as the Niro BEV

◇ Data are limited for the Kia Optima PHEV. Where sources are unavailable, we make assumptions based on other Kia models

‡‡ For the Mini Countryman S E, we assume the battery OEMs and locations are the same as other BMW vehicles

^^ For the Polestar 1, we assume the same location as the Volvo S90, which is also the closest LG Chem plant to the assembly location

§§ Note that while Automobilemag indicates that the 2019 Porsche Cayenne E-Hybrid is assembled in Slovakia, we use the AALA, which indicates that 2020 is the first year in which it was assembled in Slovakia

¶¶ We combine several Porsche Panamera E-Hybrid models since the available sales data is aggregated as such

ΔΔ We assume that the Subaru Crosstrek PHEV is produced by the same OEMs in the same locations as the Toyota Prius Prime [447,448]

◇◇ One source indicates that the Toyota RAV4 Prime PHEV sources batteries from Prime Planet Energy & Solutions [449]. However, according to official documentation, Prime Planet will not begin producing batteries until 2022; as such, we assume that Panasonic will supply batteries in the meantime [450]

TABLE B-3 Li-Ion HEV Battery Cell, Battery Pack Manufacturers and Vehicle Assembly Locations by Make and Model

Vehicle Make	Vehicle Model	Model Year	Battery Size (kWh)	Pack Manufacturer	Hybrid Type
Acura	ILX Hybrid	2013-2014	0.7	Blue Energy	Mild
Acura	MDX Hybrid	2017-2018	1.3	Blue Energy	Full
Acura	NSX Hybrid	2017-2021	1.3	Blue Energy	Full
Acura	RLX Hybrid	2014-2020	1.3	Blue Energy	Full
Audi	A4	2021	0.5	LG Chem	Mild
Audi	A5	2021	0.5	LG Chem	Mild
Audi	A6	2020-2021	0.8	LG Chem	Mild
Audi	A7	2019-2021	0.8	LG Chem	Mild
Audi	A8	2019-2021	0.5	LG Chem	Mild
Audi	Q5	2013-2016	1.3	Sanyo	Full
Audi	Q7	2020-2021	0.5	LG Chem	Mild
Audi	Q8	2019-2021	0.9	LG Chem	Mild
Audi	RS 6 Avant	2021	0.9	LG Chem	Mild
Audi	RS 7	2021	0.9	LG Chem	Mild
Audi	RS Q8	2020-2021	0.9	LG Chem	Mild
Audi	S6	2020-2021	0.8	LG Chem	Mild
Audi	S7	2020-2021	0.8	LG Chem	Mild
Audi	S8	2020-2021	0.5	LG Chem	Mild
BMW	530i xDrive	2021	0.5	BMW Group	Mild
BMW	540i	2021	0.5	BMW Group	Mild
BMW	ActiveHybrid 3	2013-2014	1.3	A123	Full
BMW	ActiveHybrid 5	2015	1.4	A123	Full
BMW	ActiveHybrid 5	2012-2015	0.7	A123	Full
BMW	ActiveHybrid 7	2011-2012	0.4	Johnson Controls + Saft ABS	Mild
BMW	ActiveHybrid 7L	2013-2015	1.0	Johnson Controls + Saft ABS	Full
BMW	M340i	2021	0.5	BMW Group	Mild

TABLE B-3 (Cont.)

Vehicle Make	Vehicle Model	Model Year	Battery Size (kWh)	Pack Manufacturer	Hybrid Type
BMW	X5 sDrive40i	2021	0.5	BMW Group	Mild
BMW	X7 xDrive40i	2021	0.5	BMW Group	Mild
Buick	LaCrosse eAssist	2012-2016	0.5	Hitachi	Mild
Buick	LaCrosse eAssist	2018-2019	0.4	Hitachi	Mild
Buick	Regal eAssist	2012-2016	0.5	Hitachi	Mild
Chevrolet	Impala eAssist	2014	0.5	Hitachi	Mild
Chevrolet	Malibu eAssist	2013-2014	0.5	Hitachi	Mild
Chevrolet	Malibu Hybrid	2016-2019	1.5	Hitachi	Full
Chevrolet	Silverado 15 Hybrid 2WD	2016-2018	0.4	Hitachi	Mild
Ford	C-MAX Hybrid FWD	2013-2018	1.4	Panasonic	Full
Ford	Escape	2020	1.1	Vehicle Energy Japan	Full
Ford	Explorer	2020-2021	1.5	Vehicle Energy Japan	Full
Ford	F150 Pickup 4WD HEV	2021	1.5	Vehicle Energy Japan	Full
Ford	Fusion Hybrid FWD	2013-2020	1.4	Panasonic	Full
GMC	Sierra	2016-2018	0.4	Hitachi	Mild
Honda	Accord Hybrid	2014-2021	1.3	Blue Energy	Full
Honda	Civic Hybrid	2012-2015	1.0	Blue Energy	Mild
Honda	CR-V Hybrid AWD	2020-2021	1.4	Honda - Panasonic	Full
Honda	CR-Z	2013-2016	0.7	Blue Energy	Mild
Honda	Insight	2019-2021	1.1	Honda - Panasonic	Full
Hyundai	Elantra	2021	1.3	LG Chem	Full
Hyundai	Ioniq	2017-2021	1.6	LG Chem	Full
Hyundai	Sonata	2011-2015	1.4	LG Chem	Full
Hyundai	Sonata	2016-2017	1.6	LG Chem	Full
Hyundai	Sonata	2018-2021	1.8	LG Chem	Full
Infiniti	M35h	2012-2013	1.4	AESC	Full
Infiniti	Q50 Hybrid	2014-2018	1.4	AESC	Full

TABLE B-3 (Cont.)

Vehicle Make	Vehicle Model	Model Year	Battery Size (kWh)	Pack Manufacturer	Hybrid Type
Infiniti	2014-2018	2014-2018	1.4	AESC	Full
Infiniti	QX60 Hybrid AWD	2014-2017	0.7	Hitachi	Mild
Jeep	Wrangler 4WD	2018-2021	0.4	LG Chem	Mild
Kia	Niro	2017-2020	1.6	LG Chem	Full
Kia	Optima Hybrid	2011-2016	1.4	LG Chem	Full
Kia	Optima Hybrid	2017-2021	1.6	LG Chem	Full
Kia	Sorento Hybrid	2021	1.5	LG Chem	Full
Land Rover	Defender	2020-2021	0.2	Jaguar Land Rover	Mild
Land Rover	Evoque MHEV	2020	0.2	Jaguar Land Rover	Mild
Land Rover	Range Rover MHEV	2019-2021	0.2	Jaguar Land Rover	Mild
Lexus	ES 300h	2021	1.0	Primearth EV Energy	Full
Lexus	LC 500h	2018-2021	1.1	Primearth EV Energy	Full
Lincoln	MKZ Hybrid	2014-2020	1.4	Panasonic	Full
Mercedes-Benz	AMG CLS53 4matic Plus	2019-2021	0.9	Accumotive	Mild
Mercedes-Benz	AMG E53 4matic Plus	2019-2021	0.9	Accumotive	Mild
Mercedes-Benz	AMG GLE53 4matic Plus	2021	0.9	Accumotive	Mild
Mercedes-Benz	AMG GLS63 4matic Plus	2021	0.9	Accumotive	Mild
Mercedes-Benz	AMG GT 43 4matic Plus	2021	0.9	Accumotive	Mild
Mercedes-Benz	AMG GT 53 4matic Plus	2019-2021	0.9	Accumotive	Mild
Mercedes-Benz	CLS450	2019-2021	0.9	Accumotive	Mild
Mercedes-Benz	E400 Hybrid	2013-2015	0.8	Johnson Controls	Full
Mercedes-Benz	E450	2021	0.9	Accumotive	Mild
Mercedes-Benz	GLE450 4matic	2020-2021	0.9	Accumotive	Mild
Mercedes-Benz	GLE580 4matic	2020-2021	0.9	Accumotive	Mild
Mercedes-Benz	GLS600 4matic	2021	0.9	Accumotive	Mild
Mercedes-Benz	S400 Hybrid	2010-2013	0.8	Johnson Controls + Saft ABS	Mild

TABLE B-3 (Cont.)

Vehicle Make	Vehicle Model	Model Year	Battery Size (kWh)	Pack Manufacturer	Hybrid Type
Nissan	Murano Hybrid	2016	0.7	Hitachi	Mild
Nissan	Pathfinder Hybrid 2WD	2014-2015	0.7	Hitachi	Mild
Nissan	Rogue Hybrid	2017-2019	0.7	Hitachi	Full
Ram	1500	2019-2021	0.4	LG Chem	Mild
Toyota	Avalon Hybrid	2021	1.0	Primearth EV Energy	Full
Toyota	Camry Hybrid	2018-2021	1.0	Primearth EV Energy	Full
Toyota	Corolla Hybrid	2021	0.7	Primearth EV Energy	Full
Toyota	Prius	2017-2021	0.7	Toyota/Panasonic	Full
Toyota	RAV4 Hybrid	2021	0.9	Primearth EV Energy	Full
Toyota	Sienna	2021	1.9	Primearth EV Energy	Full
Toyota	Venza	2021	0.9	Primearth EV Energy	Full
Volkswagen	Jetta	2013-2016	1.1	Sanyo	Full