

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
9/24/19	USA	UT	Carlin	Tesla	Multiple	2019	Tractor trailer loaded with 5 Teslas and a Subaru caught fire. Tesla claims cars were not responsible but with no evidence and despite fire propagating.	I	1	0	0	https://www.autoblog.com/2019/10/02/trailer-loaded-with-teslas-burns/#slide-2174002 and https://elkodaily.com/news/local/truck-hauling-electric-vehicles-catches-fire-on-i-near/article_312d08e4-1250-56a0-bf5f-7d7eadb8c378.html
9/20/19	Ukraine		Kyiv	Chevrolet	Bolt		Owner charged the car, drove for 10 minutes, then about 15 minutes later it caught fire while parked. Witnesses saw initial smoke from area of rear wheels.	P	0	0	0	https://www.youtube.com/watch?v=okO5nn_aHgM and https://insideevs.com/news/373630/ukrainian-chevy-bolt-caught-fire/
8/18/19	China		Hangzhou	Tesla	S		Car was in Tesla authorized repair shop and on lift at night when it caught fire. Firefighters had to break in. Firefighting took 1.5 hours.	P	0	0	0	https://insideevs.com/news/366082/video-tesla-fire-china-repair-shop/
8/13/19	Korea		Sejong City	Hyundai	Kona		Parked and charging in garage under apartment building. Flame began at battery.	P	0	0	0	https://www.tellerreport.com/business/2019-08-13---soaring-flames-from-an-electric-car---fault-possibility-investigation-.ByePCmxEH.html
8/10/19	Russia		Moscow	Tesla	3	2019	Vehicle at 62 mph on motorway in drive assist mode when it struck a parked tow truck and caught fire. Videos show occasional explosions.	A/D	3	0	3	https://www.tellers.com/article-us-tesla-russia-fire/tesla-electric-car-catches-fire-after-hitting-tow-truck-in-moscow-idUSKCN1V10BB
8/9/19	Korea	Gyeonggi	Bucheon	Hyundai	Kona		Parked and charging in garage under apartment building. Flame began at battery.	P	0	0	0	http://www.hani.co.kr/arti/english_edition/e_business/912588.html
7/29/19	Germany		Ratingen	Tesla	S		Parked in street when it caught fire	P	0	0	0	https://www.supertipp-online.de/2019/07/30/brandursache-unklar-tesla-geht-in-flammen-auf/
7/29/19	Canada	Quebec	Montreal	Hyundai	Kona	2019	Parked in garage. Purchased 4 months earlier.	P	0	0	0	https://www.carsguide.com.au/car-news/another-electric-car-catches-fire-75570 and https://www.cbc.ca/news/canada/montreal/electric-car-catches-fire-and-explodes-in-file-bizard-garage-1.5227665
7/28/19	Korea	Gyeonggi	Bucheon	Hyundai	Kona		Parked and charging in garage under apartment building. Flame began at battery.	P	0	0	0	http://www.hani.co.kr/arti/english_edition/e_business/912588.html
7/16/19	USA	CA	Encinitas	Tesla	3		Inebriated driver damaged bottom of car during crash and car caught on fire.	A/D	1	0		https://www.nbcsandiego.com/news/local/Tesla-Crashes-Bursts-Into-Flames-in-Cardiff-Neighborhood-512826991.html
7/11/19	USA	FL	Tampa	Tesla	X		Single car crash. Bystanders extricated occupants. An EV website claims color of fire indicates battery pack was not involved, but photos closely replicate fires known to be from battery.	A/D	3	0	3	https://www.abcactionnews.com/news/regional-hillsborough/tpd-fiery-crash-shuts-down-part-of-n-dale-mabry-hwy-in-tampa

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
6/29/19	USA	CA	Toluca Lake	BMW	i3		Damaged while parked in garage, which extensively damaged home while occupants slept. Continued to burn after removed from garage and with firefighters pouring on water.	P	0	0	0	https://www.dailynews.com/2019/06/29/2-story-toluca-lake-house-catches-fire/ and https://www.flickr.com/photos/lafd/albums/72157709346051342/
6/14/19	China		Wuhan	Nio	ES8	2019	Smoke, fire, and small explosion reported.	P	0	0	0	qz.com/1645678/new-york-listed-nios-electric-suv-keeps-catching-fire/
6/5/19	Germany		Dortmund	Smart	Electric		Began to burn in a parking lot and had to be put in a dump truck filled with water.	P	0	0	0	https://www.moto.ch/gefaehrliche-elektrofahrzeuge/
6/1/19	Belgium		Antwerpen	Tesla	S		Fire while at hotel Supercharger and put in water tank	C	0	0	0	https://www.news.com.au/technology/innovation/motoring/motoring-news/teslas-horror-year-continues-as-another-car-mysteriously-catches-fire/news-story/42f2a68a747cf3bd6c057c03acfbe2b0
5/23/19	Netherland		Enschede	BMW	i3	2018	Car began to burn in showroom. Fire department put in tank to extinguish.	P	0	0	0	http://enschede.1twente.nl/elektrische-auto-ontploft-zomaar-in-enschede-staat-ons-dat-vaker-te-wachten/content/item?1132863
5/21/19	USA	FL	Miami	Tesla	X	2018	Miami FD reported to NTSB after third response to this vehicle on June 13. First fire was in a garage with 9 other collector vehicles; all of which burned. Cause of original fire currently undetermined. Vehicle moved to tow yard June 4 and covered. Tow yard reported that insurance appraiser examined vehicle June 13 and re-covered it hours before it began to smoke and was in flames when fire department arrived. After extinguishing it and departing, the vehicle caught fire and fire while parked. Took 2 hours to extinguish. Firefighting took 4 hours.	I	0	0	0	Miami FD, Tow yard, insurance representative plus www.sun-sentinel.com/local/broward/fort-lauderdale/fl-luxury-cars-garage-fire-20190522-ftkwu3bxghbethgemuem7usah3v4-storv.html
5/16/19	China		Shanghai	Nio	ES8	2019	Smoke and fire while parked. Took 2 hours to extinguish. Firefighting took 4 hours.	P	0	0	0	insideevs.com/new/350022/nio-es8-fire-china/
5/16/19	Germany		Schleswig-Holstein	Mini	Hybrid		Fire was not extinguished until the car was submerged in water.	P	0	0	0	https://www.haz.de/Nachrichten/Der-Norden/Elektro-Autos-stellen-Feuerwehr-vor-neue-Herausforderungen
5/15/19	Canada	BC	Vancouver	Mitsubishi	Outlander PHEV	2019	Used Auto Hold rather than putting vehicle into Park while launching boat. Vehicle rolled into saltwater, towtruck pulled vehicle out, and then it caught fire on ramp. Took hours to extinguish.	A/D	0	0	0	https://bc.ctvnews.ca/i-m-so-lucky-boater-who-escaped-runaway-suv-with-scratches-admits-mistake-1.4427648
5/12/19	China		Hong Kong	Tesla	S85		Vehicle fire started in a shopping mall parking lot after being parked for 30 minutes, 3 explosions seen on CCTV footage. Took 45 minutes to extinguish. Tesla subsequently pushed thermal management software update.	P	0	0	0	https://hk.news.appledaily.com/local/daily/article/20190514/20677780
5/3/19	USA	CA	San Francisco	Tesla	S		Parked and not plugged in at about midnight when it was noticed smoking in a garage. SFFD pulled car from garage and doused flames.	P	0	0	0	www.thedrive.com/news/27823/another-tesla-model-s-randomly-catches-fire-in-san-francisco-garage-report

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
4/24/19	China		Shanghai	ByD	e5	2019	Fire first noticed in trunk and unknown if battery itself was involved in half hour fire.	N		0	0	autonews.gasgoo.com/china_news/70015883.html
4/22/19	China		Shanghai	Nio	ES8	2019	impact damaged battery and front bumper. Battery was not known to be damaged and vehicle was waiting for pickup by owner. Post fire inspection found accident deformation to left rear of battery casing.	A/D	0	0	0	insideeves.com/news/347796/nio-es8-fire-crash/ https://jalopnik.com/surveillance-video-of-tesla-exploding-in-shanghai-parki-1834211204
4/21/19	China		Shanghai	Tesla	S		Video of unoccupied vehicle burning in parking garage. Adjacent Audi A6 was also destroyed.	P	0	0	0	https://pittsburgh.cbslocal.com/2019/04/17/monroeville-tesla-fire/ and https://electrek.co/2019/04/18/tesla-fire-investigation/ and https://pittsburgh.cbslocal.com/2019/02/08/fox-chapel-sweet-water-lane-fire/
4/8/19	USA	PA	Monroeville and Fox Chapel	Tesla	X		initially a garage fire in monroeville. Tesla engineer removed fuse from battery pack prior to transport. On 2/8/2019 car was unloaded at Fox Chapel shop 3:30pm and caught fire at 6:20pm.	P	0	0	0	https://www.brandweer.nl/brandweemederland/nieuws/cases/accubrand-in-auto https://www.autoevolution.com/news/bmw-i8-catches-fire-in-the-netherlands-firefighters-drop-it-in-water-container-133267.html
3/25/19	Netherland		Tilburg	BMW	i8	2018	Battery began to smoke in dealer lot. Car put in water tank to extinguish.	P	0	0	0	https://insideevs.com/news/337258/bmw-i3-rex-burns-after-catching-fire-while-parked-in-spain/ https://bc.ctvnews.ca/driver-dead-after-tesla-crashes-into-pole-on-lougheed-highway-1.4340542
3/19/19	Spain			BMW	i3		Area of range extending gas engine appears to have burned out while parked.	P	0	0	0	https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and http://www.xinhuanet.com/english/2019-07/12/c_138221297.htm
3/18/19	Canada	BC	Vancouver	Tesla	X		Struck lightpole and caught fire. Driver	A/D	1	1	0	https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and http://www.xinhuanet.com/english/2019-07/12/c_138221297.htm
3/11/19	China		Shenzen	Beiqi	WeiWang 407EV delivery van		Began to burn while charging. Reported to be third since January. May 10 report stated that State investigation into the group of three attributed cause to the battery supplier	C	0	0	0	https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and http://www.xinhuanet.com/english/2019-07/12/c_138221297.htm
?/?/2019	China		Shenzen	Beiqi	WeiWang 407EV delivery van		Began to burn while charging. Reported to be second since January. May 10 report stated that State investigation into the group of three attributed cause to the battery supplier	C	0	0	0	https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and http://www.xinhuanet.com/english/2019-07/12/c_138221297.htm
1/?/2019	China		Shenzen	Beiqi	WeiWang 407EV delivery van		Began to burn while charging. Reported to be first since January. May 10 report stated that State investigation into the group of three attributed cause to the battery supplier quality control.	C	0	0	0	https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and https://www.upsbatterycenter.com/blog/beiqi-weiwang-407ev-catching-fire/ and http://www.xinhuanet.com/english/2019-07/12/c_138221297.htm
3/2/19	UK	West Sussex	Crawley	Tesla	S, 3, X	2019	Fire with numerous small explosions began in Tesla dealership. Building destroyed. Fire service believes fire began in store room and spread to vehicles.	N	0	0	0	https://www.getsurrey.co.uk/news/uk-world-news/live-fire-crawley-tesla-smoke-15910986

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
2/24/2019.	USA	VT	Burlington	Tesla	X	2019	Burned while on Lake Champlain ice. Owner believes he may have damaged the battery by hitting something.	A/D	0	0	0	https://www.burlingtonfreepress.com/story/news/local/2019/03/01/tesla-model-x-burned-lake-champlain-what-next-steps-fire/3026364002/
2/24/19	USA	FL	Davie	Tesla	S		Post crash fire	A/D	1	1	0	https://www.detroitnews.com/story/business/autos/2019/02/25/tesla-model-crash-florida/39112467/
2/18/19	USA	CA	Freemont	Tesla	X	2016	Fatigued driver departed road and hit tree, exited vehicle before it began to burn. Firefighting took 3 hours.	A/D	1	0	1	sanfrancisco.cbslocal.com/2019/02/18/tesla-model-x-crashes-burns-freemont/
12/26/18	USA	NH	Rindge	Tesla	X	2017	Speeding vehicle departed road and struck tree then caught fire with three occupants. Two suffered serious injuries and the third (19 year old) died a month later of burn injuries.	A/D	3	1	2	patch.com/new-hampshire/milford-nh/3-nh-teens-hurt-after-tesla-crashes-splits-half www.ledgertranscript.com/New-Ipswich-teen-passes-22902528
12/18/18	USA	CA	Los Gatos	Tesla	S		Fire started in charging station at shop and fire began while parked. First fire response at 2pm, about 5 or 10 min after vehicle was dropped off from tow truck, then reignited while being towed at 10:30pm. Total fire department involvement of 16 hours, using over 2,000 gallons.	P	0	0	0	https://sanfrancisco.cbslocal.com/2018/12/18/officials-investigate-mysterious-tesla-fire-los-gatos/ and https://abcnews.go.com/Technology/tesla-opens-investigation-car-burst-flames-times/story?id=59930420
11/?/2018	Germany	Bad-Wuerttemberg	Singen	Streetscooter GmbH	Deutsche Post delivery van	2018	#5 Postman left van to deliver something and it was on fire when he returned. Fire department could not put fire out until putting van in container of water. The fires were always from the battery." and "The cause is highly likely by the subcontractor not performed joint welds in the traction	P	0	0	0	https://www.daserste.de/information/wirtschaft-boerse/plusminus/sendung/risiko-elektroautos-100.html
11/?/2018	Germany	Saxony-Anhalt	Teuchern	Streetscooter GmbH	Deutsche Post delivery van	2018	#4 Postman left van to deliver something and it was on fire when he returned. Battery acid melted the shoes of people on scene during fire fighting and toxic vapors were encountered. "The fires were always from the battery." and "The cause is highly likely by the subcontractor not performed joint welds in the traction batteries." Three prior fires were in	P	0	0	0	https://www.daserste.de/information/wirtschaft-boerse/plusminus/sendung/risiko-elektroautos-100.html
8/26/18	China	Anhui Province	Tongling		Bus		Bus lost power and came to a stop in a tunnel then video shows the battery explode in a fireball.	O	3	0	0	www.msn.com/en-us/video/d/battery-fault-causes-electric-bus-to-explode-in-chinese-tunnel/vp-BBMv64t
8/22/18	USA	NJ		Tesla	S		Fire after hitting road debris per reports from owner and NJ State police.	A/D	1	0	0	https://electrek.co/2018/08/22/tesla-model-s-caught-fire-driving-highway/ and NJ State police report, press photos, and articles.
8/1/18	Korea		Daegu	Hyundai	Ioniq		Fire brgan in battery beneath trunk.	P	0	0	0	http://www.hani.co.kr/arti/english_edition/e-business/912588.html

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
7/12/18	Canada	BC	Kelowna	Tesla	S	2017	Not attributed to vehicle. Parked in garage when fire began in house electric sytem.	N	0	0	0	globalnews.ca/news/4327463/house-fire-west-kelowna/
6/15/18	USA	CA	Los Angeles	Tesla	S		Caught fire spontaneously (?) while in traffic on Santa Monica Blvd.	O	1	0	0	https://www.businessinsider.com/ntsb-releases-report-on-model-s-fire-2018-9
5/15/18	Switzerland	Ticino	near Monte Ceneri tunnel	Tesla	S		Lost control on autobahn and car flipped over then burned.	A/D	1	1	0	www.focus.de/auto/news/in-der-schweiz-deutscher-verunglueckt-toedlich-im-tesla-feuerwehr-untersucht-akku_id_8930883.html
5/11/18	USA	UT	South Jordan	Tesla	S		NO fire. Crashed into back of fire truck. Police report and info obtained from tow company	N	1	0	1	https://kutv.com/news/local/police-investigate-tesla-model-s-crash-on-bangerter-highway
5/8/18	USA	FL	Fort Lauderdale	Tesla	S		Struck wall at high speed, opening front of battery is where initial fire was photographed.	A/D	3	2	1	https://www.latimes.com/local/lanow/la-me-ln-tesla-fire-20180617-story.html and https://electrek.co/2018/09/05/tesla-battery-fire-la-without-crash/
4/19/18	UK		Birmingham	Volvo	XC90 T8 Hybrid	2017	Arson during charge captured by CCTV	N	0	0	0	https://www.driving.co.uk/news/fire-destroys-plug-hybrid-volvo-xc90-charging/
3/23/18	USA	CA	Mountain View	Tesla	X		Collision at highway speed opened front of battery and damaged cells, creating fire. Reignition well beyond suggested 48 hour quarantine period.	A/D	1	1	0	https://www.nts.gov/news/press-releases/Pages/nr20180607.aspx
3/15/18	Thailand		Bangkok	Porsche	Panamera PHEV		Caught fire on home charger	C	0	0	0	https://www.bangkokpost.com/news/general/1429518/porsche-catches-fire-while-charging
1/10/18	Netherlands		Amsterdam	Tesla	S		One of two Tesla arsons on street at 4:30 am	N	0	0	0	https://www.torquenews.com/1/2-teslas-set-fire-amsterdam-within-few-hundred-feet-tesla-haters
1/10/18	Netherlands		Amsterdam	Tesla	S		One of two Tesla arsons on street at 4:30 am	N	0	0	0	https://www.torquenews.com/1/2-teslas-set-fire-amsterdam-within-few-hundred-feet-tesla-haters
12/7/17	Germany		Triangel	VW	eGolf		Initiation unknown. Reported as fire with high voltage battery. After nine fire groups responded over two hours, the car was placed in container of water. Fire led to recall of model.	P	0	0	0	www.waz-online.de/Gifhorn/Sassenburg/Feuerwehr-loescht-brennenden-E-Golf
10/18/17	Austria	Tirol	Landeck	Tesla	S		Collision with concrete barrier at highway speed. The 35 firefighters with 5 trucks were unable to extinguish until cut-loop was severed. Departed road at high speed and struck house. In addition to injuries of driver and passenger, tow truck operator had minor burns.	A/D	1	0	0	www.ift-landeck.at/cms/index.php/83-aktuelle-beitrag-bloge/einsatz/532-2017-brand-eines-elektrofahzzeuges-auf-der-s16.html
8/25/17	USA	CA	Lake Forest	Tesla	X		Chicago Transit bus caught fire on Route 52. Bus #700. Unknown component burned beneath bus where battery and motor are located.	A/D	2	0	3	https://www.nts.gov/investigations/AccidentReports/Pages/HWY18FH014-preliminary.aspx
8/16/17	USA	IL	Chicago		electric bus		Chicago Transit bus caught fire on Route 52. Bus #700. Unknown component burned beneath bus where battery and motor are located.	I				https://chitranis.org/uploads/monthly_2017_09/DSC06321.png_c4b395ab99f1b8191216c14701651d5d.png and https://chitranis.org/topic/153-the-breakdown-thread/?page=15

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
7/9/17	UK	Essex	Wickford	Smart	ForTwo Electric	2017	Charging next to office when it began to burn from bottom.	C	0	0	0	https://www.thesun.co.uk/motors/3983899/smart-fortwo-electric-car-totally-destroyed-and-left-gutted-by-flames-after-it-set-on-fire-while-charging-outside-office/
6/17/19	Germany		Mainz-Laubenheim	Renault	Twizy		Fire in parking garage with smoke injury to one person. Fire could not be stopped until car was submerged in water.		0	0	1	https://boostyourcity.de/elektroauto-renault-twizy-in-mainzer-tiefgarage-ausgebrannt-eine-person-verletzt
5/30/17	Norway	Nedre Romerike (test)		BMW	i3	2017	Fire test, found that car would not easily ignite upon crushing, but when pierced battery, fire initiated and was difficult to put out, fire consumed car. Source: video and letter from the FD	A/D	0	0	0	Report from Norwegian test institute
5/1/17	China		Beijing	Anhui Ankai Automobile	City bus		Charging station fire destroyed 55 busses and damaged 20.	C	0	0	0	https://camewschina.com/2017/08/09/visiting-scene-may-1-beijing-ev-bus-charging-station-fire/
3/4/17	China		Shanghai	Tesla	S P85		Caught fire while stationary after disconnection from supercharger. Fire burned adjacent Tesla Model S. Tesla attributed initiation to voltage instability when first vehicle had been Accident and fire on highway left rear doors inoperative. Rear seat passengers escaped through front doors with injuries.	C	0	0	0	https://www.chinamoneynetwork.com/2017/03/06/tesla-model-s-caught-on-fire-at-supercharger-station-in-shanghai
2/2/2017	China		Guangzhou	Tesla	X		Fire appears to have begun at wall end of charging cable while car was in garage being charged.	A/D	3	0	3	https://electrek.co/2017/04/23/tesla-model-x-fire-crash-falcon-wing-doors-stuck/
11/15/16	USA	CA	Irvine	Tesla	S		Struck tree, breached battery, and cells caught fire rapidly. Driver death attributed to smoke inhalation and burns.	C	0	0	0	https://www.washingtonpost.com/cars/tesla-irvine-fire-dept-disagree-over-cause-of-garage-fire/2016/10/12/2dba9ef4-90b6-11e6-bc00-1a9756d4111b_story.html?utm_term=.53fd8d2da53a
11/3/16	USA	Indiana	Indianapolis	Tesla	S	2015	Fire did not involve primary battery. Burned while unoccupied and not charging. Tesla attributed cause to minor accident two months prior. Owner claims only the bumper and hood had been damaged in 10 mph collision.	A/D	2	2	0	www.indystar.com/story/news/crime/2017/02/08/tesla-model-s-crash-investigation-drunk-driving-indianapolis/97597708/
10/8/16	UK		Yorkshire	Tesla	S 70		Failure of an improperly manufactured electrical connection cause fire. Software prevented alarm	A/D	0	0	0	https://electrek.co/2017/03/31/tesla-model-s-fire-manchester-crash/
9/27/16	USA	MD	Frederick	Complete Coach Works	TransIT Bus		Burned after 70 mph collision with tree and battery breached. Firefighters had trouble putting it out. Due to concern about electrocution, body of victim remained in car for hours.	O	1	0	0	www.fredericknewspost.com/news/politics_and_government/levels_of_government/courty/report-confirms-sensor-failure-caused-electric-bus-fire/article_7689d9d5-7ded-5586-b6d9-b2b2519ca568.html
9/7/16	Netherland		Baam	Tesla	S			A/D	1	1	0	https://metro.co.uk/2016/09/08/tesla-investigating-fatal-crash-involving-self-driving-car-in-holland-6117031/

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
8/13/16	France	Bayonne	Biarritz	Tesla	S 90D	2016	Caught fire spontaneously during promotional tour. Tesla reported that a loose bolted battery connection from an assembly error was found.	O	3	0	0	www.teslarati.com/tesla-model-s-fire-france-test-drive/ www.autoevolution.com/news/bmw-i3-police-car-catches-fire-in-rome-bad-news-for-the-lapd-109367.html and www.motor1.com/news/65205/the-roman-polices-bmw-i3-goes-up-in-smoke/
7/12/16	Italy		Rome	BMW	i3		Possibly was the ICE range extender. Police vehicle fire began spontaneously and could not be extinguished.	O	2	0	0	www.motor1.com/news/65205/the-roman-polices-bmw-i3-goes-up-in-smoke/
6/14/16	China	Pudong New District	Shanghai	BYD	Tang		Plug-in hybrid caught fire while driving. BYD claimed source was an owner modification to the car.	O	1	0	0	http://www.autonewschina.com/en/article.asp?id=14904
6/8/16	Norway		Oslo	Tesla	S	2016	Tesla connected to Supercharger began to burn. Firefighters used foam.	C	0	0	0	https://www.thedrive.com/news/28420/parked-teslas-keep-catching-on-fire-randomly-and-theres-no-recall-in-sight www.businesskorea.co.kr/news/articleView.html?idxno=15135 and http://www.autonewschina.com/en/article.asp?id=14904
6/?/2016	China		Beijing	JAC	iEV5	2016	Parked vehicle had spontaneous combustion attributable to high temperature	P	0	0	0	http://www.autonewschina.com/en/article.asp?id=14904
2/18/16	China		Fuzhou	BYD	Qin		Collision with truck led to fire. Driver was alive and could not be extricated.	A/D	1	1	0	http://www.autonewschina.com/en/article.asp?id=14904
1/15/16	S.Korea	Gyeonggi	Gwangju	Renault	SM3.Z.E	2013	Fire began while driving with 3-4 small explosions. One report relates cause not believed in battery	I	1	0	1	http://www.hani.co.kr/arti/english_edition/e_business/912588.html and http://www.ipnomics.net/?p=14858
1/1/16	Norway		Gjerstad	Tesla	S	2015	Caught fire while charging. Tesla reported fire originated in distribution box of vehicle, not in battery case.	C	0	0	0	www.teslarati.com/tesla-short-circuit-cause-for-model-s-norway-norway-fire/ https://www.16bit.no/foemekte/tranck/er-on-e-full-fyr-etter-togkrasi-jeg-matte-bare-lope-vekk/s/5-59-326762 and https://insideevs.com/news/326262/train-collides-with-volkswagen-e-up-explosion-fire-follows-w-video/
12/15/15	Norway		Fredrikstad Raadesletta	VW	e-Up!		Car got stuck at rail crossing, driver exited, and car was severely damaged when hit by train carrying 189 passengers. Extensive fire happened after when about to recover the car.	A/D	190	0	0	https://www.wmcactionnews5.com/story/26718503/out-of-service-mata-bus-catches-fire/
10/5/15	USA	TN	Memphis	Gillig	Hybrid Bus		Unsure if origin was battery or wheel/tire.	I	0	0	0	https://www.wmcactionnews5.com/story/26718503/out-of-service-mata-bus-catches-fire/
9/17/15	China	Zhejiang	Hangzhou		Bus		"The driver pulled over after hearing a strange sound coming from the back of the vehicle, according to the local bus group. Nine people were injured by broken glasses as they escaped the bus, they were taken to hospital." Fire department called at 7:04pm and fire extinguished at 7:22 pm. http://www.globaltimes.cn/content/942	O		0	9	www.globaltimes.cn/content/942964.shtml
6/25/15	UK		York		Bus		Fire began while in service.	O	12	0	0	https://order-order.com/2015/06/25/huge-electric-bus-fire-in-york/
6/22/15	USA	CA	Malibu Canyon	Tesla	S	2013	Went off cliff, damaged battery on rocks, then caught fire. Ignited grass fire which burned for nine hours.	A/D	1	1	0	www.dailynews.com/2015/06/23/man-who-died-in-fiery-malibu-crash-of-tesla-is-53-year-old-from-calabasas/

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
6/9/15	USA	CA	Novato	Chevrolet	Volt	2015	Four Chevrolet Volts set on fire by arson	N	0	0	0	https://sanfrancisco.cbslocal.com/2015/06/11/46-year-old-man-arrested-on-suspicion-of-arson-at-car-dealership/
10/26/14	USA	CA	Santa Ana	Zero Truck Corp	Google truck	2014	Battery was involved in a fire at the factory. An accident investigator determined fire began in pack of cells from Chinese supplier Xalt. Several potential failure modes were identified.	P	0	0	0	https://ww2.energy.ca.gov/2019publications/CEC-600-2019-023/CEC-600-2019-023.pdf
7/4/14	USA	CA	West Hollywood	Tesla	S	2014	Car stolen from dealer struck light pole, split, caught fire. Driver and two police injured.	A/D	1	0	3	www.nbclosangeles.com/news/local/Stolen-Tesla-High-Speed-Chase-Fiery-Crash-in-West-Hollywood-265813821.html
2/1/14	USA	TX	Flower Mound	Nissan	Leaf		Not caused by primary battery. Driver reported fire started beneath dash. No known primary battery fires, other than in testing at U of MD. Following 2011 tsunami, no Leaf batteries have caught fire.	N	1	0	0	owner: www.mynissanleaf.com/viewtopic.php?f=15&t=20476&sid=df33b8cede8cfd036fa79866bc96682&start=10 press: https://insideevs.com/news/326403/nissan-leaf-fire-in-flower-mound-texas/
2/1/14	Canada		Toronto	Tesla	S		Arson in garage	N	0	0	0	https://leftlanenews.com/tesla/model-s/tesla-investigates-model-s-garage-fire-in-toronto/ and https://driving.ca/tesla/auto-news/news/tesla-investigating-cause-of-toronto-garage-fire-with-model-s
11/6/13	USA	TN	Smyrna	Tesla	S	2013	Collision with road debris (tow hitch) on highway	A/D	1	0	0	https://www.businessinsider.com/third-tesla-model-s-catches-fire-2013-11
10/1/13	USA	WA	Seattle	Tesla	S		Collided with road debris. Firefighters reportedly used a saw to access battery interior to apply water which was successful.	A/D	1	0	0	https://www.seattletimes.com/business/tesla-says-car-fire-began-in-battery-after-crash/
10/18/13	Mexico	Yucatan	Merida	Tesla	S	2013	Crashed into concrete wall and hit tree. Reported top speed of 115 mph and alcohol involvement.	A/D	1	0	0	https://business.financialpost.com/transportation/tesla-fire-crash-mexico
8/1/13	Norway		Ostfold	Nissan	Leaf		Struck by train, caught fire a few hours later during investigation of the crash. Source: Norwegian AIB report	A/D	0	0	0	
3/21/13	Japan		Yokohama	Mitsubishi	Outlander PHEV		GS-Yuasa battery overheated at dealer after standing for one day. Investigation found some batteries had been dropped in production.	A/D	0	0	0	http://www.myelectriccarforums.com/mitsubishi-outlander-phev-production-restarts-after-5-months/
3/18/13	Japan		Mizushima	Mitsubishi	i-MiEV		GS-Yuasa battery caught fire while connected to charger at factory.	C	0	0	0	https://www.greencarcongress.com/2013/03/mmc-20130327.html
10/29/12	USA	NJ	Newark	Fisker	Karma	2012	Following Hurricane Sandy flood, Karma caught fire, attributed fires to saltwater reaching electrical components. Fisker stated that the 12V battery burned not the HV battery.	P	0	0	0	https://www.businessinsider.com/why-fisker-karma-burned-during-sandy-2012-11
10/29/12	USA	NJ	Newark	Toyota	Prius	2012	Following Hurricane Sandy flood, one Prius PHEV caught fire and two smoked which Toyota attributed to saltwater reaching electrical components.	P	0	0	0	https://www.autoguide.com/auto-news/2012/11/toyota-prius-burns-after-being-flooded-by-sandy.html

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
9/1/12	USA			Dodge	RAM		5 of 107 RAM FHEV truck batteries overheated in test program, followed by Chrysler suspending the program. Also withdrawn were 23 Chrysler Town & Country plug-in hybrids.	I	0	0	0	https://www.greencarreports.com/news/1079368_chrysler-yanks-plug-in-hybrid-test-fleet-off-roads-will-replace-batteries
9/1/12	USA	WI		Chevrolet	Volt	2011	Side impact crash test was 5/12/2013. Vehicle rolled to check for leakage then stored. Caught fire 6/5/2011	A/D	0	0	0	NHTSA Report DOT HS 811 573 and press reports with photos plus www.autoblog.com/2011/11/11/chevy-volt-battery-catches-fire-in-nhtsa-lab/ and https://greentransportation.info/ev-ownership/safer/chevy-volt-battery-pack-fire-2011.html
8/10/12	USA	CA	Woodside	Fisker	Karma		Owner went into store and car began to burn in parking lot. Car had both battery and ICE.	I	0	0	0	https://www.greencarreports.com/news/1078412_second-fisker-karma-fire-casts-fresh-doubt-on-plug-in-hybrid
5/26/12	China		Shenzhen	BYD	e6 taxi	2012	After a Nissan GTR crashed into the back of a BYD e6 taxi in Shenzhen and the electric taxi caught fire, killing all three taxi occupants. The Chinese investigative team concluded that the cause of the fire was that "electric arcs caused by the short-circuiting of high voltage lines of the high voltage distribution box ignited combustible material in the vehicle including the interior materials and part of the power batteries." The team also noted that the battery pack did not explode; 75% of the single cell batteries did not catch fire; and no flaws in the safety design	A/D	3	3	0	https://af.reuters.com/article/commoditiesNews/idAFL2E8J33CB20120803 and www.shenzhenparty.com/byd-electric-taxi-explosion-fire
5/3/12	USA	Texas	Houston Sugar Land	Fisker	Karma		Unoccupied vehicle in garage was not plugged in and battery functioned after the fire.	N	0	0	0	https://www.houstonchronicle.com/business/article/Fisker-fire-leads-to-federal-inquiry-3570347.php and https://www.reuters.com/article/karma-houston/fisker-karma-battery-did-not-cause-houston-fire-idUSL1E8G8FNS20120508
2/8/12	USA	PA	Allentown	Zero Truck Corp	Hybrid truck	2012	24 cell 400 volt lithium battery pack caught fire twice	P	0	0	0	https://www.mcall.com/news/mc-xpm-2012-02-08-mc-allentown-electric-truck-fire-20120208-story.html
7/18/11	China		Shanghai	Shanghai Leibo	City bus	2011	Capacitor bus fire while in service	O				https://www.reuters.com/article/cnma-e-bus-fire-idAFL3E7IK0LB20110720 and www.autoblog.com/2011/07/22/report-electric-bus-catches-fire-in-shanghai/ https://greentransportation.info/ev-ownership/safer/chevy-volt-battery-pack-fire-2011.html and https://gm-volt.com/2011/05/18/exclusive-chevrolet-volt-unofficially-cleared-in-connecticut-garage-fire/ and https://www.thetruthaboutcars.com/2011/04/gm-to-investigate-volt-blaze-re-ignition/
4/14/11	USA	CT	Barkhamsted	Chevrolet	Volt	2011	Flammable material in garage destroyed car according to fire official and vehicle owner. Re-ignited spontaneously 5 days later	N	0	0	0	https://www.thetruthaboutcars.com/2011/04/gm-to-investigate-volt-blaze-re-ignition/

DATE	COUNTRY	STATE	CITY	MAKE	MODEL	YEAR MFG	DETAILS	PHASE BY: Accident/Damaged, During Operaton, Charging, Parked/Stationary, Not the battery or no fire, Insufficient info if from EV	People involved	Fatal	Injured	Sources:
4/11/11	China		Hangzhou	Zotye	M300EV Lanyue EV	2011	Taxi fire attributed to defective battery pack assembly and production quality control. Cell construction not found at fault. Driver and passenger able to exit vehicle.	O	2	0	0	chinaautoweb.com/2011/06/battery-pack-defects-blamed-for-zotye-ev-fire/
11/17/10	Denmark		Copenhagen	A Future EV (Nissan)	Qashqai conversio n	2010	Converted vehicle was charging on car ferry Pearl of Scandinavia when fire began in battery pack. Owner was company owner who was returning from obtaining production approval. The company name was A Future EV	C	0	0	0	Danish Fire Report IU10676 by Thomas Balleby, dated 2011-03-09. Press photos and articles, including owner report: soerenkelund.dk/oslo-ferry-fire-2010/

Coport nationwide searches of 6/21/2019 from a total of 152,035 vehicles in 2011-2019 model years

	Total Count	Burns of all types (Interior, engine, overall)	Burned percent of overall fleet	Hybrid or electric count	Burned hybrid / electric	Burned percent of hybrid/ battery fleet						
Acura	371	5	1.3	4	0	0.0						
BMW	1466	27	1.8	54	1	1.9						
Cadillac	590	6	1.0	1	0	0.0						
Infiniti	677	7	1.0	9	0	0.0						
Jaguar	121	1	0.8	1	0	0.0						
Lexus	822	5	0.6	122	1	0.8						
Mercedes Benz	1367	16	1.2	5	0	0.0						
Tesla (Note 1)	141	1	0.7	141	1	0.7						
Toyota Prius (all versions)	679	5	0.7	679	5	0.7						
Volvo (Note 2)	283	5	1.8	2	1							
Overall	6517	78	1.2	1018	9	0.9						
All hybrid and electric cars				1018	19	1.9						
Notes:												

