



Reference list of home batteries with corresponding environmental contribution

Version 8

BRAND	TYPE	KWH	WEIGHT ENVIRONMENTAL CONTRIBUTION BEBAT*		ENVIRONMENTAL CONTRIBUTION €/KG	AMOUNT OF THE ENVIRONMENTAL CONTRIBUTION IN € (excl. VAT)	CHEMICAL FAMILY
			KG PER MODULE	KG PER BATTERY 'All in one'			
ABB Fimmer	REACT2-BATT	3,8	50,00		2,39	119,50	Lithium rechargeable
Accubat	HV2600 V1.0	5,2	54,00		2,39	129,06	Lithium rechargeable
Alpha ESS	Storion Smile B3	2,9	35,00		2,39	83,65	Lithium rechargeable
Alpha ESS	Storion Smile 5	5,7	65,00		2,39	155,35	Lithium rechargeable
Alpha ESS	Storion Smile T10 HV	8,2	72,00		2,39	172,08	Lithium rechargeable
Aoboet	Uhome LFP 5000	5,1	45,00		2,39	107,55	Lithium rechargeable
Aoboet	Uhome LFP 5,8 kWh/LV	5,8	66,00		2,39	157,74	Lithium rechargeable
Aoboet	Uhome LFP 2500	2,5	23,00		2,39	54,97	Lithium rechargeable
Axitec	Axistorage Li-SH	2,5	22,00		2,39	52,58	Lithium rechargeable
Battery Supplies	AQ-Lith Energybox	3	45,00		2,39	107,55	Lithium rechargeable
Battery Supplies	AQ-Lith Energyrack	30	48,00		2,39	114,72	Lithium rechargeable
Belinus	Energiewall LV	5,12	51,00		2,39	121,89	Lithium rechargeable
Belinus	Energiewall HV	3,55	41,00		2,39	97,99	Lithium rechargeable
BlauHoff	BLH-5100	5,12	42,00		2,39	100,38	Lithium rechargeable
BSLBATT	Powerwall 5000U	5,12	54,50		2,39	130,26	Lithium rechargeable
BSLBATT	Powerwall 10000U	10,24	98,00		2,39	234,22	Lithium rechargeable
BSLBATT	Powerwall 15 kWh	15,36	130,00		2,39	310,70	Lithium rechargeable
BYD	BYD Battery-Box Premium HVS	2,56	38,00		2,39	90,82	Lithium rechargeable
BYD	BYD Battery-Box Premium HVM	2,76	38,00		2,39	90,82	Lithium rechargeable
BYD	BYD Battery-Box Premium LVS	4	45,00		2,39	107,55	Lithium rechargeable
BYD	BYD Battery-Box Premium LVL (2021)	15,36		168,00	2,39	401,52	Lithium rechargeable
DMEGC	L01-48100	5,12	45,00		2,39	107,55	Lithium rechargeable
DMEGC	L02-48100	5,38	52,00		2,39	124,28	Lithium rechargeable
Dowell	DBHV-C4	4	36,00		2,39	86,04	Lithium rechargeable
Dowell	iPack C3.3	3,3	30,00		2,39	71,70	Lithium rechargeable
Dowell	iPack C6.5	6.5	58,00		2,39	138,62	Lithium rechargeable
Duracell	5+	5	62,00		2,39	148,18	Lithium rechargeable
Enphase	Enphase Encharge 3T	3,5	40,50		2,39	96,80	Lithium rechargeable

FOX-ESS	HV 2600	2,6	27,00		2,39	64,53	Lithium rechargeable
FOX-ESS	FOX LV5200	5,12	49,00		2,39	117,11	Lithium rechargeable
FOX-ESS	ECS series - CM2900 - master	2,88	34,70		2,39	82,93	Lithium rechargeable
FOX-ESS	ECS series - CS2900 - slave	2,88	32,40		2,39	77,44	Lithium rechargeable
FOX-ESS	Energy Cube CM4100	4,03	38,30		2,39	91,54	Lithium rechargeable
FOX-ESS	Energy Cube CS4100	4,03	36,00		2,39	86,04	Lithium rechargeable
Goodwe	Lynx Home F-serie LX F 3.3-H	3,27	43,00		2,39	102,77	Lithium rechargeable
Goodwe	Lynx Home U-serie	5,4	57,00		2,39	136,23	Lithium rechargeable
Greenrock	Greenrock Home	2,5	140,00		1,27	177,80	Saltwater
Growatt	ARK XH	2,56	28,00		2,39	66,92	Lithium rechargeable
Growatt	GBLI6532	6,5	58,00		2,39	138,62	Lithium rechargeable
Growatt	APX 5.0P-B1	5	50,00		2,39	119,50	Lithium rechargeable
Huawei	LUNA20005KWEO	5	50,00		2,39	119,50	Lithium rechargeable
Huawei	ESM-57280AS1	16,13	140,00		2,39	334,60	Lithium rechargeable
Kstar	BluE-Pack 5.1	5,12	58,00		2,39	138,62	Lithium rechargeable
LG	RSU3.3	3,3	31,00		2,39	74,09	Lithium rechargeable
LG	RSU6.5	6,5	52,00		2,39	124,28	Lithium rechargeable
LG	RSU10	9,8	75,00		2,39	179,25	Lithium rechargeable
LG	RSU12	13,1	98,50		2,39	235,42	Lithium rechargeable
LG	RESU10H PRIME	9,6		82,00	2,39	195,98	Lithium rechargeable
LG	RESU16H PRIME	16		130,00	2,39	310,70	Lithium rechargeable
LG	RESU FLEX (BMA)	4,3		48,90	2,39	116,87	Lithium rechargeable
LG ESS	LG HBP 10H	9,87		112,00	2,39	267,68	Lithium rechargeable
LG ESS	LG HBP 16H	16,45		160,00	2,39	382,40	Lithium rechargeable
LG ESS	enblock C13	13		98,50	2,39	235,42	Lithium rechargeable
Meritsun	LFP100-48 wall	4,8	48,00		2,39	114,72	Lithium rechargeable
Meritsun	LFP150-48 wall	7,2	70,00		2,39	167,30	Lithium rechargeable
Meritsun	LFP200-48 wall	9,6	88,00		2,39	210,32	Lithium rechargeable
Meritsun	LFP48V300 standing	14,4	165,00		2,39	394,35	Lithium rechargeable
Meritsun	LFP100-48 All-in-one	4,8	47,00		2,39	112,33	Lithium rechargeable
Meritsun	LFP200-48 All-in-one	9,6	94,00		2,39	224,66	Lithium rechargeable
MG Energy Systems	LFP230 25.6 V	5,8	41,00		2,39	97,99	Lithium rechargeable
MG Energy Systems	LFP304 25.6 V	7,8	54,00		2,39	129,06	Lithium rechargeable
MG Energy Systems	LFP 12,8	2,7	22,00		2,39	52,58	Lithium rechargeable
M-Tec	Energy-Butler	3,84	42,00		2,39	100,38	Lithium rechargeable
Panasonic	Evervolt 2.0 EVAC-105-4 Standard	11,4	25,00		2,39	59,75	Lithium rechargeable
Panasonic	Evervolt 2.0 EVAC-105-6 Plus	17,1	25,00		2,39	59,75	Lithium rechargeable
Poweroad	1P16S	14,34	105,00		2,39	250,95	Lithium rechargeable
Pylontech	Pylontech US2000	2,4	24,00		2,39	57,36	Lithium rechargeable
Pylontech	Pylontech US2000C	2,4	22,50		2,39	53,78	Lithium rechargeable

Pylontech	Pylontech US3000C	3,552	32,00	2,39	76,48	Lithium rechargeable	
Pylontech	Pylontech US5000	4,56	39,50	2,39	94,41	Lithium rechargeable	
Pylontech	Pylontech UP5000	4,8	40,00	2,39	95,60	Lithium rechargeable	
Pylontech	Pylontech US5000B	4,8	40,00	2,39	95,60	Lithium rechargeable	
Pylontech	Pylontech UP2500	2,84	27,50	2,39	65,73	Lithium rechargeable	
Pylontech	Pylontech Force L1	3,55	35,00	2,39	83,65	Lithium rechargeable	
Pylontech	Pylontech Force H1	3,55	36,00	2,39	86,04	Lithium rechargeable	
Pylontech	Pylontech Force H2	3,55	35,00	2,39	83,65	Lithium rechargeable	
Pylontech	Pylontech Force L2	3,55	36,00	2,39	86,04	Lithium rechargeable	
Pylontech	Powercube M1 -H32148	4,74	48,00	2,39	114,72	Lithium rechargeable	
Pylontech	Powercube H2 - H48074	3,55	32,00	2,39	76,48	Lithium rechargeable	
Pylontech	Pelio-L-5.12	5,12	45,00	2,39	107,55	Lithium rechargeable	
Q Cells	Q.SAVE BAT-G3	3,1	34,50	2,39	82,46	Lithium rechargeable	
RCT Power	Power Battery	1,6	24,00	2,39	57,36	Lithium rechargeable	
SAJ	SAJ AS1	5,12	64,00	2,39	152,96	Lithium rechargeable	
SAJ	SAJ B1	5,12	48,00	2,39	114,72	Lithium rechargeable	
SAJ	SAJ B2 -5.0-HV5	5	52,50	2,39	125,48	Lithium rechargeable	
Sigen	SigenStor BAT 5.0	5,38	57,00	2,39	136,23	Lithium rechargeable	
Sigen	SigenStor BAT 8.0	8,06	73,00	2,39	174,47	Lithium rechargeable	
SMA	SMA Home Storage 3.2	3,28	38,00	2,39	90,82	Lithium rechargeable	
SMA	SMA STOR-EXT -8k -20	8	56,00	2,39	133,84	Lithium rechargeable	
Sofar Amass	GTX5000	5,12	55,00	2,39	131,45	Lithium rechargeable	
Sofar	GTX5000-PRO	5,12	47,00	2,39	112,33	Lithium rechargeable	
Sofar	GTX3000	2,5	30,00	2,39	71,70	Lithium rechargeable	
Sofar	BTS 5K	5,12	50,00	2,39	119,50	Lithium rechargeable	
Solax	Triple Power T-BAT H 5.8 Master	5,8	72,20	2,39	172,56	Lithium rechargeable	
Solax	Triple Power T-BAT H 5.8 Slave	5,8	68,50	2,39	163,72	Lithium rechargeable	
Solax	Triple Power T-BAT H 3.0 HV10230	3,1	33,00	2,39	78,87	Lithium rechargeable	
SolarEdge	Energy Bank BAT-10K1PS0B-01	9,7		121,00	2,39	289,19	Lithium rechargeable
SolarEdge	Energy Bank BAT-10K1PS0B-x2	9,7		119,00	2,39	284,41	Lithium rechargeable
SolarEdge	Home Battery BAT-05K48	4,6	54,70	2,39	130,73	Lithium rechargeable	
SolarWatt	Flex middle + top pack	2,7	25,00	2,39	59,75	Lithium rechargeable	
Sonnen	sonnenBatterie 10 Performance	5,5	40,00	2,39	95,60	Lithium rechargeable	
Sonnen	sonnenBatterie 10	5,5	40,00	2,39	95,60	Lithium rechargeable	
Sungrow	Sungrow	3,2	33,00	2,39	78,87	Lithium rechargeable	
Tecloman	Firefly E-10	3,6	37,00	2,39	88,43	Lithium rechargeable	
Tecloman	Firefly Pro	3,84	48,00	2,39	114,72	Lithium rechargeable	
Tecloman	Firefly eco	3,84	48,00	2,39	114,72	Lithium rechargeable	
Tecloman	TEM-25-225-A	5,76	66,00	2,39	157,74	Lithium rechargeable	
Tecloman	TEM-76.8-150-F1	11,52	98,00	2,39	234,22	Lithium rechargeable	

Tecloman	TEM-38-150-A	5,76	66,00	2,39	157,74	Lithium rechargeable
Tecloman	TEM-38-225-A	8,64	87,00	2,39	207,93	Lithium rechargeable
Tecloman	TEM-38-300-A	11,52	115,00	2,39	274,85	Lithium rechargeable
Tecloman	TEM-38-300-F1	11,52	93,00	2,39	222,27	Lithium rechargeable
Tecloman	TEM-51.2-280-J	14,34	115,00	2,39	274,85	Lithium rechargeable
Tecloman	TEM-51.2-280-F1	14,34	115,00	2,39	274,85	Lithium rechargeable
Tecloman	TEM-76.8-150-0.5-F1	11,52	93,00	2,39	222,27	Lithium rechargeable
Tesvolt	TS 48V	4,8	34,00	2,39	81,26	Lithium rechargeable
Tesvolt	TS HV 70	4,75	34,00	2,39	81,26	Lithium rechargeable
Tsun	TSOL-ACU3.0K	5,12	60,00	2,39	143,40	Lithium rechargeable
Tsun	TSOL-B100E-S	5,12	44,00	2,39	105,16	Lithium rechargeable
Tsun	TSOL-B100E-S NEW	5,12	50,00	2,39	119,50	Lithium rechargeable
Varta	Pulse	3	45,00	2,39	107,55	Lithium rechargeable
Varta	Pulse Neo	6	65,00	2,39	155,35	Lithium rechargeable
Varta	Element	6	115,00	2,39	274,85	Lithium rechargeable
Varta	Element	9	145,00	2,39	346,55	Lithium rechargeable
Varta	Element	12	165,00	2,39	394,35	Lithium rechargeable
Victron Energy	Lithium Super Pack 12,8 / 200	2,56	21,00	2,39	50,19	Lithium rechargeable
Victron Energy	Lithium LiFePO4 12,8V/200Ah Smart	2,56	20,50	2,39	49,00	Lithium rechargeable
Victron Energy	Lithium LiFePO4 12,8V/330Ah Smart	4,22	29,00	2,39	69,31	Lithium rechargeable
Victron Energy	Lithium LiFePO4 25,6V/100Ah Smart	2,56	28,00	2,39	66,92	Lithium rechargeable
Victron Energy	Lithium LiFePO4 25,6V/200Ah Smart-a	5,12	39,00	2,39	93,21	Lithium rechargeable
Viessmann	Vitocharge VX3	4	64,00	2,39	152,96	Lithium rechargeable
Weco	4K4-PRO	4,5	51,00	2,39	121,89	Lithium rechargeable
Weco	5K3-LV/HV	5,3	52,00	2,39	124,28	Lithium rechargeable
Weco	5K3 XP	5,3	57,30	2,39	136,95	Lithium rechargeable
Weco	4K5 Ultra	5,1	44,00	2,39	105,16	Lithium rechargeable
Zendure	SuperBase V4600	4,6	57,80	2,39	138,14	Lithium rechargeable
Zendure	SuperBase V6400	6,4	59,00	2,39	141,01	Lithium rechargeable
Zendure	Sattelite Battery SuperBase B4600	4,6	44,80	2,39	107,07	Lithium rechargeable
Zendure	Sattelite Battery SuperBase B6400	6,4	46,00	2,39	109,94	Lithium rechargeable

* Participants must always include the weight in grams in their declaration.□

This list is based on the information from data sheets of the listed home batteries.
It is a non-exhaustive list that will be regularly updated in function of information from participants.

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BRAND	TYPE	KWH	KG PER MODULE	KG PER BATTERY 'All in one'	ENVIRONMENTAL CONTRIBUTION €/KG	AMOUNT OF THE ENVIRONMENTAL CONTRIBUTION IN € (excl. VAT)	CHEMICAL FAMILY
Hager	Home Power Station S10 E PRO	11,7		120,00	2,39	286,80	Lithium rechargeable
Hager	Home Power Station S10 E PRO	17,5		180,00	2,39	430,20	Lithium rechargeable
Tesla	Powerwall 2AC	14		122,00	2,39	291,58	Lithium rechargeable
SolarWatt	Flex base accu AC-1	6	23,00		2,39	54,97	Lithium rechargeable
Enphase	Enphase Encharge 10T	10,5		121,50	2,39	290,39	Lithium rechargeable