

BATTERIES

STARTER BATTERIES



TRUST IN VARTA®

Wherever your journey may take you, VARTA® batteries provide all the power to take you there. Whether you own a vehicle with start/stop functionality, or you drive a highly equipped vehicle with high energy demands, VARTA® batteries offer the power you need. Today, you'll find our products in millions of cars, forklifts, tractors, MEWP's, construction equipments. Varta engineers put expertise and precision into each and every VARTA® battery. VARTA® batteries provide longer life, less corrosion and lower cost of ownership, qualities you'll find in all our products from our advanced start/stop automotive range to our professional powerboat products. When you choose VARTA®, you go for reliable precision technology that delivers best-in-class manufacturing quality.

Innovation with a purpose:

VARTA® batteries are the driving force behind fuel-saving innovations like start/stop engines. Manufactured with up to 20% fewer emissions, they'll reliably restart your vehicle's engine again and again, and effectively reduce your fuel consumption.

A powerful history:

The VARTA® brand has a history going back more than 130 years. VARTA® batteries are factory-fitted by major carmakers and trusted by drivers globally.

BACKED BY THE GLOBAL MARKET LEADER: CLARIOS

VARTA® automotive batteries are powered by Clarios, formerly Johnson Controls Power Solutions, a world leader in advanced energy storage solutions. We partner to meet increasing market demand for smarter applications, on a global scale. Varta's 16 000 employees develop, manufacture, and distribute a portfolio of evolving battery technologies for virtually every type of vehicle. Technologies that deliver uniquely sustainable, next-generation performance, and bring reliability, safety, and comfort to everyday lives. We add value at every link in the supply chain, contributing to the progress of the communities we serve and the planet we all share.

LAY-OUT



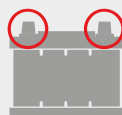
0



1



TERMINAL TYPES



1



3



Y4



BASE HOLD DOWN



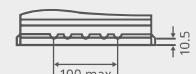
B00



B01



B13



BATTERIES

STARTER BATTERIES

VARTA® SILVER DYNAMIC AGM



THE BENCHMARK FOR START/STOP AND ELECTRIC VEHICLES

The VARTA® Silver Dynamic AGM stands for unparalleled performance: with 3 times the cycle life of conventional batteries, the VARTA Silver Dynamic AGM is the perfect choice for vehicles with the highest energy demands, as start/stop or electric vehicles. This can be due to heavier usage, cold winters, hot summers or multiple accessories and equipment

- Unparalleled performance for start/stop and electric vehicles
- Best start/stop performance for maximum fuel economy – as the start/stop-system can be operated as often as possible.
- 90% recycled – 90% of a newly produced VARTA AGM battery consists of recycled lead.
- Original spare parts ensure the replacement battery has the same quality as the original one.
- 3 times cycle life compared to conventional batteries and therefore, a reliable power source for the large demands of highly equipped vehicles.

Keep in mind: an AGM battery must always be replaced with an AGM. VARTA batteries should be installed only by a professional workshop.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm		kg				
EN type												
550901054	A9	50	540	207	175	190	H4/L1	15	0	1	B13	168TA7615
560901068	A8	60	680	242	175	190	H5/L2	17.7	0	1	B13	167TA9371
570901076	A7	70	760	278	175	190	H6/L3	20.4	0	1	B13	167TA9372
580901080	A6	80	800	315	175	190	H7/L4	22.5	0	1	B13	167TA9373
595901085	A5	95	850	353	175	190	H8/L5	26.4	0	1	B13	167TA9374
605901095	A4	105	950	394	175	190	H9/L6	29.2	0	1	B13	167TA9375

VARTA® BLUE DYNAMIC EFB



FOR SUPERIOR POWER NEEDS

Entry-level start/stop systems are usually equipped with an EFB (enhanced flooded battery). The VARTA Blue Dynamic EFB fits vehicles with higher than normal energy demands. So, if you're looking for a battery with extended cycle life compared to a conventional VARTA battery, the VARTA Blue Dynamic EFB is the right choice.

Made for entry-level start/stop systems:

- 2 times the cycle life compared to conventional VARTA batteries
- Made for vehicles with higher than normal energy demands
- Available in 5 models of varying capacity, CCA and size
- Recyclable and produced in an energy-saving way

Keep in mind: Some entry-level start/stop vehicles come with an EFB. EFB batteries should always be replaced with like-for-like OE spare parts such as the Blue Dynamic EFB. To improve performance, EFB batteries can also be replaced with a VARTA Silver Dynamic AGM battery.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm		kg				
EN type												
550500055	N50	50	540	207	175	190	H4/L1	14.2	0	1	B13	168TA7699
560500064	N60	60	640	242	175	190	H5/L2	16.5	0	1	B13	167TA9376
565500065	D54	65	650	278	175	175	T6/LB3	19.9	0	1	B13	167TA9377
570500076	N70	70	760	278	175	190	H6/L3	21.3	0	1	B13	167TA9378
575500073	E46	75	730	315	175	175	T7/LB4	18.4	0	1	B13	167TA9379
580500080	N80	80	800	315	175	190	H7/L4	20.7	0	1	B13	167TA9380
595500085	N95	95	850	353	175	190	H8/L5	24.5	0	1	B13	167TA9381
JIS type												
565501065	N65	65	650	232	173	225	D23	16.9	0	1	B00	167TA9382
572501076	N72	72	760	261	175	220	D26	19.5	0	1	B01	167TA9383
585501080	N85	85	800	306	173	225	D31	21.8	0	1	B01	167TA9384

VARTA® SILVER DYNAMIC AUXILIARY



VARTA Auxiliary batteries provide electrical components with seamless functionality. Modern vehicle's consume a significant amount of electricity. Therefore, these vehicles with a combustion engine often come with two batteries: a regular 12 volt starter battery and an auxiliary battery. Thus, when it comes to replacing a weak or defective auxiliary battery, it is vital to rely on a high performing substitution. Furthermore, it is important to always replace an AGM auxiliary battery with another AGM auxiliary battery to avoid the risk of malfunctions and car breakdown.

Made for a dual battery system:

- Increase the length of the start/stop moment
- Support comfort functions during engine start
- Support the electrical system (brake-by-wire)
- Protect the electrical system
- Serve as emergency support

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm	kg					
AGM												
509106013	AUX9	9	130	151	87	106	YTX9	2.9	1	Y4	B00	168TA1153
513106020	AUX14	13	200	150	87	146	YTX14	4.6	1	Y4	B00	168TA1154
SLI												
535106052	AUX1	35	520	212	175	140	POB4	10.8	0	1	B13	168TA1155

VARTA® SILVER DYNAMIC



BEST IN CLASS PERFORMANCE FOR HIGHEST POWER NEEDS

You've got a highly equipped vehicle? The VARTA Silver Dynamic is the perfect choice for non-start/stop technology with the highest power needs. It offers supreme starting power that will meet the toughest energy demands without compromise.

- For extra power and premium performance
- The premium battery for vehicles with non-start/stop technology
- Up to 15% higher starting power than Blue
- Available in 11 models of varying capacity, CCA and size
- Recyclable and produced in an energy-saving way

Keep in mind: compared to our VARTA Blue Dynamic the VARTA Silver Dynamic offers 15% higher starting power.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm	kg					
EN types												
552401052	C6	52	520	207	175	175	T4/LB1	12.5	0	1	B13	167TA8698
554400053	C30	54	530	207	175	190	H4/L1	13.1	0	1	B13	168TA1170
561400060	D21	61	600	242	175	175	T5/LB2	14.6	0	1	B13	168TA1171
563400061	D15	63	610	242	175	190	H5/L2	15.3	0	1	B13	168TA1156
563401061	D39	63	610	242	175	190	H5R/L2R	15.3	1	1	B13	168TA1157
574402075	E38	74	750	278	175	175	T6/LB3	17.4	0	1	B13	167TA8699
577400078	E64	77	780	278	175	190	H6/L3	18.3	0	1	B13	167TA8700
585200080	F18	85	800	315	175	175	T7/LB4	19.6	0	1	B13	167TA8701
585400080	F19	85	800	315	175	190	H7/L4	19.8	0	1	B13	168TA1158
600402083	H3	100	830	353	175	190	H8/L5	22.6	0	1	B13	167TA8702
610402092	I1	110	920	393	175	190	H9/L6	25.2	0	1	B13	167TA8703

BATTERIES

STARTER BATTERIES

VARTA® BLUE DYNAMIC



Entry-level start/stop systems are usually equipped with an EFB (enhanced flooded battery). The VARTA® Blue Dynamic EFB fits vehicles with higher than normal energy demands. So, if you're looking for a battery with extended cycle life compared to a conventional VARTA battery, the VARTA Blue Dynamic EFB is the right choice.

Made for Entry-Level Start/stop Systems:

- 2 times the cycle life compared to conventional VARTA batteries
- Made for vehicles with higher than normal energy demands
- Available in 9 models of varying capacity, CCA and size
- Recyclable and produced in an energy-saving way

Keep in mind: Some entry-level start/stop vehicles come with an EFB. EFB batteries should always be replaced with like-for-like OE spare parts such as the Blue Dynamic EFB. To improve performance, EFB batteries can also be replaced with a VARTA Silver Dynamic AGM battery.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm						
EN types												
544401042	B36	44	420	175	175	190	H3/L0	10.5	0	1	B13	168TA1159
544402044	B18	44	440	207	175	175	T4/LB1	11.5	0	1	B13	167TA8704
552400047	C22	52	470	207	175	190	H4/L1	12.7	0	1	B13	167TA8705
560409054	D59	60	540	242	175	175	T5/LB2	14.6	0	1	B13	167TA8706
560408054	D24	60	540	242	175	190	H5/L2	14.6	0	1	B13	167TA8707
560127054	D43	60	540	242	175	190	H5R/L2R	14.6	1	1	B13	168TA1160
572409068	E43	72	680	278	175	175	T6/LB3	16.6	0	1	B13	167TA8708
574012068	E11	74	680	278	175	190	H6/L3	17.3	0	1	B13	167TA8709
574013068	E12	74	680	278	175	190	H6/L3R	17.3	1	1	B13	167TA8710
580406074	F17	80	740	315	175	175	T7/LB4	18.8	0	1	B13	167TA8711
580400074	F16	80	740	315	175	190	H7/L4	19.1	0	1	B13	168TA1161
595402080	G3	95	800	353	175	190	H8/L5	21.9	0	1	B13	167TA8712
JIS types												
540125033	A13	40	330	187	127	227	B19H	10.2	0	3	B01	168TA1162
540126033	A14	40	330	187	127	227	B19L	10.2	0	3	B00	167TA8713
540127033	A15	40	330	187	127	227	B19R	10.2	1	3	B00	167TA8714
545155033	B31	45	330	238	129	227	B24L	11.7	0	3	B00	168TA1164
545156033	B32	45	330	238	129	227	B24R	11.7	0	1	B00	167TA8716
545157033	B33	45	330	238	129	227	B24S	11.7	1	3	B00	167TA8717
545158033	B34	45	330	238	129	227	B24RS	11.7	1	1	B00	167TA8718
560410054	D47	60	540	232	173	225	D23L	15.8	0	1	B00	167TA8715
560411054	D48	60	540	232	173	225	D23R	15.8	1	1	B00	168TA1163
570412063	E23	70	630	261	175	220	D26L	16.9	0	1	B01	167TA8719
570413063	E24	70	630	261	175	220	D26R	16.9	1	1	B01	167TA8720
595404083	G7	95	830	306	173	225	D31L	21.7	0	1	B01	167TA8721
595405083	G8	95	830	306	173	225	D31R	21.7	1	1	B01	167TA8722

VARTA® BLACK DYNAMIC



For cars with lower power needs that are built before 2000, we recommend the VARTA® Black Dynamic – a trustworthy and maintenance-free choice that offers good value for money. Of course, you can rely on our latest technology and long-term performance as usual. So, choose the VARTA Black Dynamic and see for yourself.

Powered by Clarios, VARTA® Blue Dynamic batteries are factory-fitted by major carmakers and trusted by drivers globally. VARTA® Blue Dynamic batteries provide longer life, less corrosion and lower cost of ownership. Take your vehicle to a workshop which works with VARTA® in order to experience excellent replacement service.

Keep in mind: to ensure the function of safety systems and comfort features, an AGM battery must always be replaced with an AGM. VARTA batteries should be installed only by a professional workshop.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm						
EN types												
066017036	D42	66	360	178	175	188	–	9.5	0	1	B00	168TA7616
077015036	E30	77	360	216	170	191	–	11.5	0	1	B06	168TA7617
540406034	A16	40	340	175	175	190	H3/L0	9.9	0	1	B13	168TA1165
541400036	A17	41	360	207	175	175	T4/LB1	10.9	0	1	B13	167TA8723
545412040	B19	45	400	207	175	190	H4/L1	11.7	0	1	B13	168TA1166
545413040	B20	45	400	207	175	190	H4R/L1R	11.7	1	1	B13	167TA8724
553401050	C11	53	500	242	175	175	T5/LB2	13.3	0	1	B13	168TA1167
556400048	C14	56	480	242	175	190	H5/L2	13.9	0	1	B13	168TA1168
556401048	C15	56	480	242	175	190	H5R/L2R	13.9	1	1	B13	167TA8725
570144064	E9	70	640	278	175	175	T6/LB3	16.4	0	1	B13	167TA8726
570409064	E13	70	640	278	175	190	H6/L3	16.9	0	1	B13	168TA1169
588403074	F5	88	740	353	175	175	T8/LB5	20.6	0	1	B13	167TA8727
590122072	F6	90	720	353	175	190	H8/L5	21.1	0	1	B13	167TA8728
JIS types												
545077030	B23	45	300	219	135	225	E2	10.8	0	1	B01	168TA1172
545079030	B24	45	300	219	135	225	E2R	10.8	1	1	B01	168TA1173

BATTERIES

STARTER BATTERIES

QUICK FINDER LIST



Short code	Ah (20h)	CCA (EN)	Case size	REF
A				
VARTA® Silver Dynamic AGM				
D52	60	680	H5/L2	167TA9371
E39	70	760	H6/L3	167TA9372
F21	80	800	H7/L4	167TA9373
G14	95	850	H8/L5	167TA9374
H15	105	950	H9/L6	167TA9375
VARTA® Blue Dynamic EFB				
N60	60	640	H5/L2	167TA9376
D54	65	650	T6/LB3	167TA9377
N70	70	760	H6/L3	167TA9378
E46	75	730	T7/LB4	167TA9379
N80	80	800	H7/L4	167TA9380
N95	95	850	H8/L5	167TA9381
N65	65	650	D23	167TA9382
N72	72	760	D26	167TA9383
N85	85	800	D3	167TA9384
VARTA® Silver Dynamic EFB				
AUX9	9	130	YTX9	168TA1153
AUX14	13	200	YTX14	168TA1154
AUX1	35	520	POB4	168TA1155
VARTA® Silver Dynamic				
C6	52	520	T4/LB1	167TA8698
C30	54	530	H4/L1	168TA1170
D21	61	600	T5/LB2	168TA1171
D15	63	610	H5/L2	168TA1156
D39	63	610	H5R/L2R	168TA1157
E38	74	750	T6/LB3	167TA8699
E44	77	780	H6/L3	167TA8700
F18	85	800	T7/LB4	167TA8701
F19	85	800	H7/L4	168TA1158
H3	100	830	H8/L5	167TA8702
I1	110	920	H9/L6	167TA8703
VARTA® Blue Dynamic				
B36	44	420	H3/L0	168TA1159
B18	44	440	T4/LB1	167TA8704
C22	52	470	H4/L1	167TA8705

Short code	Ah (20h)	CCA (EN)	Case size	REF
A				
D59	60	540	T5/LB2	167TA8706
D24	60	540	H5/L2	167TA8707
D43	60	540	H5R/L2R	168TA1160
E43	72	680	T6/LB3	167TA8708
E11	74	680	H6/L3	167TA8709
E12	74	680	H6/L3	167TA8710
F17	80	740	T7/LB4	167TA8711
F16	80	740	H7/L4	168TA1161
G3	95	800	H8/L5	167TA8712
A13	40	330	B19H	168TA1159
A14	40	330	B19	167TA8704
A15	40	330	B19R	167TA8705
D47	60	540	D23R	167TA8706
D48	60	540	D23R	167TA8707
B31	45	330	B24	168TA1160
B32	45	330	B24R	167TA8708
B33	45	330	B24S	167TA8709
B34	45	330	B24RS	167TA8710
E23	70	630	D26	167TA8711
E24	70	630	D26R	168TA1161
G7	95	830	D31	167TA8712
G8	95	830	D31R	167TA8722
VARTA® Black Dynamic				
A16	40	340	H3/L0	168TA1165
A17	41	360	T4/LB1	167TA8723
B19	45	400	H4/L1	168TA1166
B20	45	400	H4R/1LR	167TA8724
C11	53	500	T5/LB2	168TA1167
C14	56	480	H5/L2	168TA1168
C15	56	480	H5R/L2R	167TA8725
E9	70	640	T6/LB3	167TA8726
E13	70	640	H6/L3	168TA1169
F5	88	740	T8/L5	167TA8727
F6	90	70	H8/L5	167TA8728
B23	45	300	E2	168TA1172
B24	45	300	E2R	168TA1173

VARTA® DUAL PURPOSE



Lower-spec boats and motorhomes still need the right product to perform at their best. That's why we've developed VARTA® Professional Dual Purpose batteries. Long-lasting and maintenance-free, they're ideal for seasonal use.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	Pallet quantity	REF
			A	mm	mm	mm		kg					
EN types													
930 060 064	LED60	60	640	242	175	190	LN2	16.84	0	1	B13	63	168TA7683
930 070 076	LED70	70	760	277	175	190	LN3	19.45	0	1	B13	48	168TA7684
812 071 000	LFS75	75	600	272	175	225	EG4	18.10	1	1	B01	48	168TA7685
930 080 080	LED80	80	800	314	175	190	LN4	21.59	0	1	B13	42	168TA7686
930 095 085	LED95	95	850	352	175	190	LN5	24.39	0	1	B13	36	168TA7687
820 055 080	LFS105M	105	800	330	172	238	Grp 31	23.14	9	8	B01	36	168TA7688
820 054 080	LFS105N	105	800	330	172	238	Grp 31	23.14	9	1	B01	36	168TA7689
930 140 080	LFD140	140	800	513	189	223	A	35.76	3	1	B00	24	168TA7690
930 190 105	LED190	190	1050	513	223	223	B	46.99	3	1	B00	21	168TA7691
930 240 120	LED240	240	1200	518	276	242	C	56.75	3	1	B00	12	168TA7692

VARTA® DUAL PURPOSE AGM



For leisure applications with moderate energy demands, VARTA® Professional Dual Purpose AGM batteries can be used to start the engine of your motorhome and deliver service power for accessories and electronics. These batteries are ideal for seasonal use, so when you take your boat or caravan out of winter storage, it's ready to go.

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	Pallet quantity	REF
			A	mm	mm	mm		kg					
EN types													
840 060 068	LA60	60	680	242	175	190	H5/L2	17.50	0	1	B13	57	168TA7693
840 070 076	LA70	70	760	278	175	190	H6/L3	20.40	0	1	B13	48	168TA7694
840 080 080	LA80	80	800	315	175	190	H7/L4	22.76	0	1	B13	36	168TA7695
840 105 095	LA105	105	950	394	175	190	H9	29.40	0	1	B13	36	168TA7696
840 210 120	LA210	210	1200	518	276	242	C	61.30	3	1	B00	12	168TA7697
840 095 085	LA95	95	850	353	175	190	H8/L5	26.40	0	1	B13	36	168TA7698

BATTERIES

STARTER BATTERIES



VARTA PROMOTIVE

The VARTA® ProMotive range delivers reliable power that can handle a high amount of electrical consumers and vibration while minimizing downtime. The perfect choice for TCO savings.

- Optimum starting power
- Reliable power for ever increasing number of electrical consumers
- Excellent vibration resistance for construction and plant use

VARTA® PROMOTIVE AGM



UNLOCK YOUR TRUCK'S FULL POTENTIAL

Thanks to the efficient AGM technology, the truck battery ProMotive AGM provides heavy commercial vehicles with a high degree of reliability to numerous electronic consumers. It is the only battery for unlocking the highest demanding applications and power-consuming functions including the parking cooler/heater without the battery wearing out and causing downtime. It has been developed in collaboration with the leading commercial vehicle manufacturers to support innovations that will be standard equipment for commercial vehicles in the future.

Hoteling on wheels:

- 6 times the cycle life compared to conventional batteries
- Highest vibration resistance
- Fulfils all of the requirements of governmental regulations on higher emission standards
- Suitable for end of frame installation (EURO 5/6)

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm		kg				
710901120	A1	210	1200	518	276	242	C	61	3	1	B00	167TA9385

VARTA® PROMOTIVE EFB



TRUSTED BY DRIVERS ALL OVER THE WORLD

The unique VARTA® ProMotive EFB is a powerful battery for commercial vehicles with high energy requirements. Its performance, combined with a high vibration resistance, ensures absolute reliability and a longer service life. This truck battery was developed to meet the increasing demands of extensive hotel functions.

The right choice for TCO savings:

- 3 times the cycle life compared to conventional batteries
- For hotel functions
- Highest vibration resistance
- Fulfills all of the requirements of governmental regulations on higher emission standards
- Suitable for end of frame installation (EURO 5/6)

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm						
			kg									
690500105	B90	190	1050	513	223	223	B	47.2	3	1	B00	167TA9386
740500120	C40	240	1200	518	276	242	C	59.7	3	1	B00	167TA9387

VARTA® PROMOTIVE SUPER HEAVY-DUTY



RELIABLE PERFORMANCE FOR MEDIUM POWER NEEDS

The VARTA® ProMotive Super Heavy-duty is designed for commercial vehicles, like delivery vehicles, with reliable starting power requirements. It is OE quality and helps your fleet do its job reliably.

For continuous starting power:

- Ideal vibration resistance for urban distribution applications
- Fulfills all requirements of the state emission regulations
- Cranking and standard electric demands
- Perfect solution for delivery vehicles in city traffic

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm						
			kg									
640400080	K8	140	800	513	189	223	A	35.7	3	1	B03	167TA9388
645400080	K7	145	800	513	189	223	A	37.1	3	1	B00	167TA9389
670104100	M9	170	1000	513	223	223	B	44.2	3	1	B03	167TA8729
680108100	M18	180	1000	513	223	223	B	44.1	3	1	B00	167TA8730
725103115	N9	225	1150	518	276	242	C	57.5	3	1	B00	167TA8731

BATTERIES

STARTER BATTERIES

VARTA® PROMOTIVE HEAVY-DUTY



MINIMIZE YOUR DOWNTIME

The VARTA® ProMotive Heavy-duty is designed for commercial and agricultural vehicles with reliable starting power requirements. It is OE quality and helps your fleet do its job reliably while minimizing downtime.

For reliable starting power:

- Ideal vibration resistance for agricultural and construction vehicles
- Continuous multi start
- Cranking and standard electric demands
- The perfect choice for TCO savings

Model	Short code	Ah (20h)	CCA (EN)	Length	Width	Height	Case size	Weight	Lay-out	Terminal types	Base hold down	REF
			A	mm	mm	mm		kg				
070011030	E29	70	300	175	167	220	M1	9.35	0	1	B00	168TA1174*
112025051	I11	112	510	260	175	236	M4	16.5	0	1	B01	168TA1175*
140023072	K13	140	720	260	175	236	M4	19.5	0	1	B01	168TA1176*
545200030	B39	45	300	207	175	175	T4	10.7	0	1	B13	167TA8732
555064042	C20	55	420	242	175	190	H5	13.4	0	1	B13	168TA1179
566047051	D33	66	510	278	175	190	H6	15.8	0	1	B13	168TA1180
588038068	F10	88	680	353	175	190	H8	20.3	0	1	B13	168TA1181
590040054	G1	90	540	345	175	234	LOT7	25.2	0	1	B00	168TA1182
590041054	G2	90	540	345	175	234	LOT7	25.2	1	1	B00	168TA1183
600035060	H4	100	600	413	175	220	D	27.4	1	1	B00	168TA1184
600047060	H5	100	600	413	175	220	D	26.7	0	1	B00	167TA8733
600123072	H9	100	720	313	175	205	GB28	22.3	0	1	B13	168TA1185
605102080	H17	105	800	330	172	238	GR31	23.7	9	1	B01	168TA1186
605103080	H16	105	800	330	172	238	GR31	23.7	9	8	B01	168TA1187
610013076	I2	110	760	514	175	210	MAC110	32.3	3	1	B03	167TA8734
610048068	I5	110	680	345	175	236	LOT7	28.5	1	1	B00	167TA8735
610050085	I6	110	850	413	175	220	D	29.6	0	1	B03	168TA1188
610404068	I18	110	680	349	175	236	LOT7	28.5	0	1	B01	168TA1189
620045068	I8	120	680	513	189	215	A	33.6	3	1	B00	167TA8736
620109076	I16	120	760	510	175	235	MAC120	35.12	4	1	B03	167TA8737
625012072	J1	125	720	349	175	290	WOR7	31.2	0	1	B00	167TA8738
625014072	J2	125	720	349	175	290	WOR7	31.2	1	1	B00	167TA8739
625023000	J3	125	950	286	269	230	NAT0	36.8	2	1	B00	168TA1191
630014068	J5	130	680	514	218	208	MAC130	37.8	3	1	B00	167TA8740
635052100	J10	135	1000	514	175	210	MAC110	35.4	3	1	B03	167TA8742
643033095	K4	143	950	514	218	210	MAC140	39.8	3	1	B03	168TA1192
643107090	K11	143	900	508	174	205	MAC132	36.5	0	1	B01	168TA1193
645011115	M11	154	1150	513	189	223	A	39.8	3	1	B00	168TA1200
655013090	L2	155	900	513	223	223	B	40.9	3	1	B00	167TA8743
670043100	M6	170	1000	513	223	223	B	43.9	3	1	B00	168TA1195
680011140	M12	180	1400	513	223	223	B	46.4	3	1	B00	167TA8744
680033110	M7	180	1100	513	223	223	B	44.9	4	1	B03	168TA1196
690033120	M10	190	1200	513	223	223	B	44.9	4	1	B03	168TA1197
690034120	L3	190	1200	513	223	215	B	45.7	3	1	B03	168TA1198
700038105	N2	200	1050	518	276	242	C	53.6	3	1	B00	167TA8745
720018115	N5	220	1150	518	276	242	C	56.7	3	1	B00	168TA1199

* 6 Volt

QUICK FINDER LIST



Short code	Ah (20h)	CCA (EN)	Case size	REF
A				
VARTA® ProMotive AGM				
A1	210	1200	C	167TA9385
VARTA® ProMotive EFB				
B90	190	1050	B	167TA9386
C40	240	1200	C	167TA9387
VARTA® ProMotive Super Heavy-Duty				
K8	140	800	A	167TA9388
K7	145	800	A	167TA9389
M9	170	1000	B	167TA8729
M18	180	1000	B	167TA8730
N9	225	1150	C	167TA8731
VARTA® ProMotive Heavy-Duty				
E29	70	300	M1	168TA1174*
I11	112	510	M4	168TA1175*
K13	140	720	M4	168TA1176*
L14	150	760	M5	168TA1177*
N12	200	950	M6	168TA1178*
B39	45	300	T4	167TA8732
C20	55	420	H5	168TA1179
D33	66	510	H6	168TA1180
F10	88	680	H8	168TA1181
G1	90	540	LOT7	168TA1182
G2	90	540	LOT7	168TA1183
H4	100	600	D	168TA1184
H5	100	600	D	167TA8733
H9	100	720	GB28	168TA1185
H17	105	800	GR31	168TA1186

Short code	Ah (20h)	CCA (EN)	Case size	REF
A				
H16	105	800	GR31	168TA1187
I2	110	760	MAC110	167TA8734
I5	110	680	LOT7	167TA8735
I6	110	850	D	168TA1188
I18	110	680	LOT7	168TA1189
I9	120	780	LOT7	168TA1190
I8	120	680	A	167TA8736
I16	120	760	MAC120	167TA8737
J1	125	720	WOR7	167TA8738
J2	125	720	WOR7	167TA8739
J3	125	950	NAT0	168TA1191
J5	130	680	MAC130	167TA8740
J8	135	680	12C135	167TA8741
J10	135	1000	MAC110	167TA8742
K4	143	950	MAC140	168TA1192
K11	143	900	MAC132	168TA1193
M11	154	1150	A	168TA1200
L2	155	900	B	167TA8743
L5	155	900	MAC154	168TA1194
M6	170	1000	B	168TA1195
M12	180	1400	B	167TA8744
M7	180	1100	B	168TA1196
M10	190	1200	B	168TA1197
L3	190	1200	B	168TA1198
N2	200	1050	C	167TA8745
N5	220	1150	C	168TA1199

* 6 Volt

BATTERIES

STARTER BATTERIES



XTREME EXCELLENT

Properties:

- Premium range
- VRLA battery
- CaCa technology
- +15% of starting capacity
- Maintenance free
- Leak-proof

Applications:

- Trucks
- Cars and vans
- Marine

STARTER BATTERIES FOR CARS AND VANS

The Xtreme Excellent is a private label range of high quality starter batteries at attractive prices for cars, vans and trucks

- VRLA battery
- CaCa technology
- +15% of starting capacity
- Maintenance-free
- Leak-proof

E-SERIES

6 types covering 85% of all European Battery Types. Perfect as a reliable and powerful source of energy

- Magic Eye
- CaCa technology
- +30% of starting capacity!
- Minimal water consumption
- Environmentally friendly materials
- 100% maintenance-free
- Leak-proof

EXCELLENT STARTER BATTERIES FOR TRUCKS

- Sealed maintenance-free
- Sealed maintenance-free SMF
- Designed for extreme power demands
- Higher operational availability and safety
- Extended service life
- Suitable for commercial vehicles, buses and trucks with latest electrical equipment

EXCELLENT AGM START/STOP STARTER BATTERIES

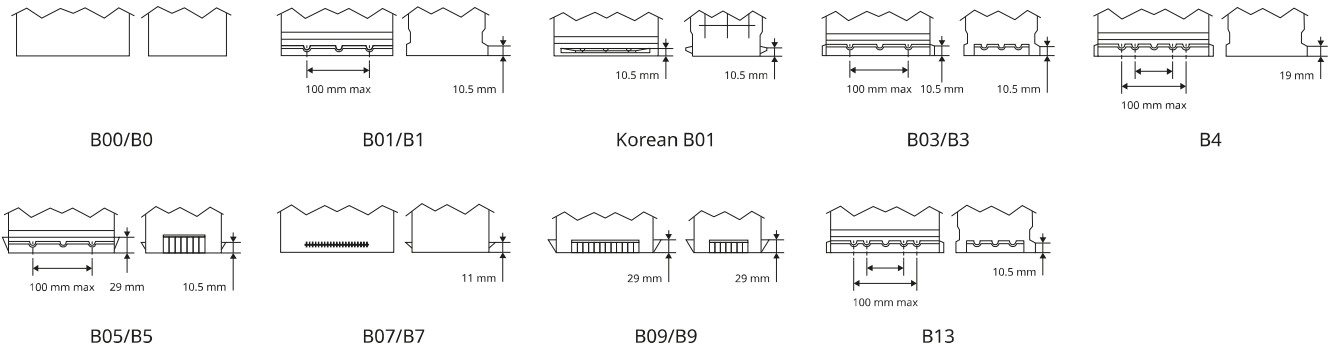
- Designed for high power needs
- Optimal starting power and maximum capacity
- Perfect for advanced start/stop systems with regenerative braking
- Absolutely maintenance-free, leak-proof and vibration-resistant
- Flexible installation and safe operation
- Reduction in fuel consumption and CO² emissions

EXCELLENT EFB START/STOP STARTER BATTERIES

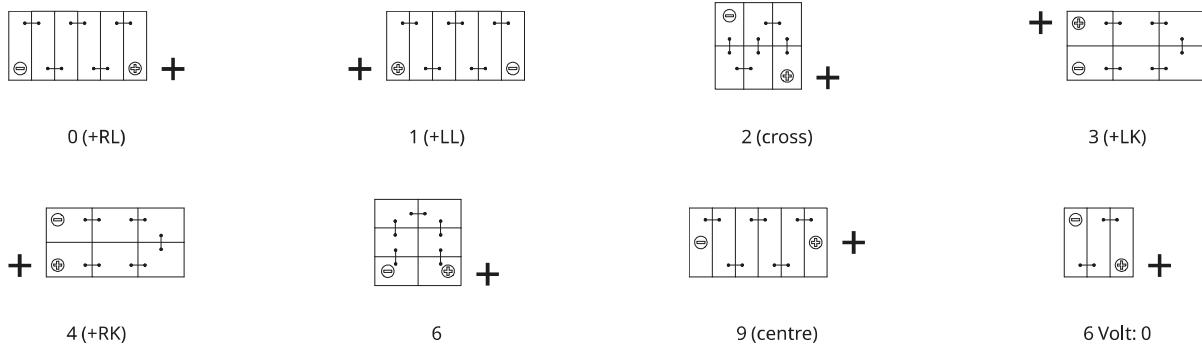
- Supports longer periods with the engine switched off
- High starting power and cyclical performance
- Perfect for standard start/stop systems
- Improved loading acceptance and vibrations resistance
- Closed maintenance-free (SMF)
- Long service life and reliability

HEAVY-DUTY STARTER BATTERIES

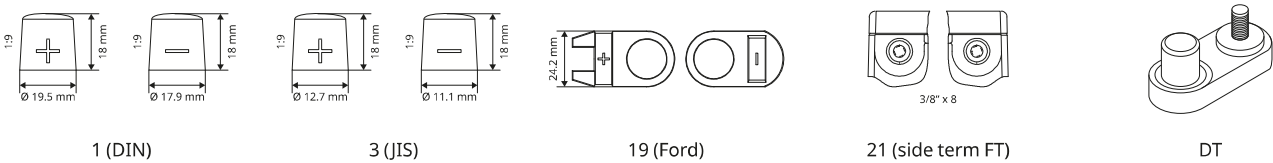
FIXATION



LAYOUT



TERMINAL TYPE



BATTERIES

STARTER BATTERIES

EXELLENT BATTERIES



EXELLENT STARTER BATTERIES FOR CAR AND VAN

The Xtreme Excellent is a private label range of high-quality starter batteries for attractive prices for cars, vans, trucks ...

- VRLA battery
- CaCa technology
- More than 15% starting power
- Maintenance free
- Leak-proof

Model	Group n°	Capacity	CCA (EN)	Length	Width	Height	Weight	Layout	Fixation	Terminals	REF
		Ah	A								
12 V											
535.020.030SMF	B19	35	300	187	127	227	9.6	0	B00	3	165TA4536
535.022.030SMF	B19	35	300	187	127	227	9.6	1	B00	3	165TA4537
540.008.034SMF	L0	40	340	175	175	190	9.9	0	B13	1	168TA1201
544.059.044SMF	LB1	44	440	207	175	175	11.3	0	B13	1	168TA1202
545.023.033SMF	B24	45	330	238	129	227	11.7	0	B00	1	168TA1203
545.024.033SMF	B24	45	330	238	129	227	11.7	1	B00	1	168TA1204
545.084.033SMF	B24	45	330	238	129	227	11.7	0	B00	3	168TA1205
545.051.033SMF	B24	45	330	238	129	227	11.7	1	B00	3	168TA1206
545.077.030SMF	E2	45	300	219	135	225	11.3	0	B01	1	168TA1207
545.079.030SMF	E2	45	300	219	135	225	11.3	1	B01	1	168TA1208
552.054.047SMF	L1	52	470	207	175	190	12.4	0	B13	1	168TA1209
553.059.047SMF	LB2	53	470	242	175	175	13.1	0	B13	1	168TA1210
556.065.048SMF	L2	56	480	242	175	190	13.7	1	B13	1	168TA1211
560.059.054SMF	L2	60	540	242	175	190	14.3	0	B13	1	168TA1212
560.068.051SMF	D23	60	510	232	173	225	14.5	0	B00	1	168TA1213
560.069.051SMF	D23	60	510	232	173	225	14.5	1	B00	1	168TA1214
560.077.054SMF	LB2	60	540	242	175	175	14.3	0	B13	1	165TA4555
566.019.064SMF	L2	66	640	242	175	190	15.2	0	B13	1	165TA4556
568.024.055SMF	D26	68	550	261	175	220	17.0	1	B01	1	168TA1215
568.029.055SMF	D26	68	550	261	175	220	17.0	0	B01	1	168TA1216
570.026.064SMF	L3	70	640	278	175	190	16.9	1	B13	1	168TA1217
572.013.068SMF	LB3	72	680	278	175	175	16.3	0	B13	1	168TA1218
574.020.068SMF	L3	74	680	278	175	190	16.7	0	B13	1	168TA1219
580.035.074SMF	LB4	80	740	315	175	175	18.3	0	B13	1	168TA1220
580.043.074SMF	L4	80	740	315	175	190	18.7	0	B13	1	168TA1221
583.015.072SMF	LB5	83	720	353	175	175	20.0	0	B13	1	168TA1222
588.021.075SMF	L5	88	750	353	175	190	21.2	1	B13	1	165TA4567
590.015.072SMF	L5	90	720	353	175	190	20.8	0	B13	1	168TA1223
595.032.083SMF	D31	95	830	306	173	225	21.7	0	B01	1	168TA1224
595.033.083SMF	D31	95	830	306	173	225	21.7	1	B01	1	168TA1225
600.038.083SMF	L5	100	830	353	175	190	22.6	0	B13	1	168TA1226

AGM START/STOP TECHNOLOGY



Advantages:

- Designed for high power needs
- Optimum starting power and maximum capacity
- Perfect for advanced start/stop systems with regenerative braking
- Absolutely maintenance-free, leakproof and vibration resistant
- High cyclic durability and long service life
- Flexible installation and safe operation
- Reduction of fuel consumption and CO₂ emissions

AGM

Model	Group n°	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Fixation	Terminals	REF
12 V											
XTR/560.901.056	L2	60	640	242	175	190	18.5	0	B13	1	167TA9363
XTR/570.901.076	L3	70	760	278	175	190	21.2	0	B13	1	167TA9364
XTR/580.901.079	L4	80	840	310	175	190	23.6	0	B13	1	140TA7517
XTR/590.901.085	L5	95	860	353	175	190	27.0	0	B13	1	167TA9365
XTR/605.901.095	L6	105	950	393	174	190	29.2	0	B13	1	167TA9366

EFB START/STOP TECHNOLOGY



MAGIC EYE

Advantages:

- Supports longer periods with the motor switched off
- High starting power and cyclic performance
- Perfect for standard start/stop systems
- Improved charge acceptance and vibration resistance
- Sealed maintenance-free (SMF)
- Long service life and reliability
- Magic Eye

EFB

Model	Group n°	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Fixation	Terminals	REF
12 V											
XTR/560.002.056	L2	60	560	242	175	190	16.8	0	B13	1	167TA9367
XTR/565.002.056L	D23	65	560	230	170	220	16.5	0	B1	1	168TA1231
XTR/565.002.056R	D23	65	560	230	170	220	16.5	1	B1	1	168TA1232
XTR/565.002.068	LB3	65	680	278	175	175	17.4	0	B13	1	168TA1233
XTR/570.002.068	L3	70	680	278	175	190	19.3	0	B13	1	168TA1234
XTR/572.002.068	D26	72	680	260	170	220	19.3	0	B1	1	168TA1228
XTR/575.002.074	LB4	75	740	310	175	175	19.7	0	B13	1	168TA1235
XTR/580.002.074	L4	80	740	310	175	190	22.0	0	B13	1	167TA9369
XTR/585.002.074	D31	85	740	304	173	220	22.3	0	B1	1	168TA1229
XTR/590.002.084	L5	90	840	353	175	190	24.7	0	B13	1	167TA9368

BATTERIES

STARTER BATTERIES

EXELLENT E-SERIES

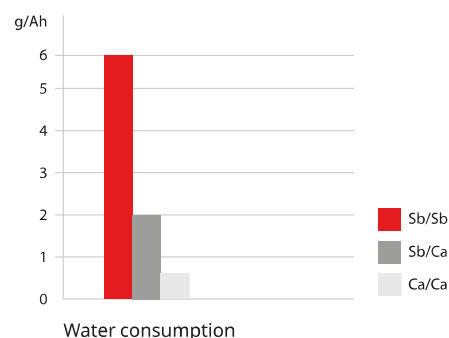


MAGIC EYE

PERFECT AS A RELIABLE AND POWERFUL SOURCE OF ENERGY!

6 types covering 85% of all European battery types.

- Magic Eye
- CaCa technology
- +30% of starting capacity!
- Minimal water consumption
- Environmentally friendly materials
- 100% maintenance-free



Model	Group n°	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Fixation	Terminals	REF
12 V											
XTR/E1	LB1	50	420	207	175	175	12.0	0	B13(B04)	1	134TA8569
XTR/E2	LB2	60	540	242	175	175	14.1	0	B13(B04)	1	134TA8570
XTR/E3	LB3	80	720	278	175	175	17.7	0	B13(B04)	1	134TA8571
XTR/E4	LB4	80	720	310	175	175	18.6	0	B13(B04)	1	134TA8572
XTR/E5	LB5	100	840	353	175	175	21.7	0	B13(B04)	1	134TA8573
XTR/E5H	L5	100	840	353	175	190	22.3	0	B13(B04)	1	167TA9370

XTREME TRUCK BATTERIES

XTREME
EXCELLENT

TRUCK BATTERIES SUPER HEAVY-DUTY



These starting batteries are top quality for lorries, tractors and machines which have a high fuel consumption, have to work in extreme conditions or drive on bad roads.

- High resistance to vibrations
- Additional cell confirmation
- Glass fiber separators
- High starting power at low temperatures
- Low self-discharge



SEALED MAINTENANCE FREE

- Sealed maintenance-free – SMF
- Designed for extreme power requirements
- Higher operational availability and safety
- Longer lifespan
- Suitable for commercial vehicles, buses and trucks with the latest electrical equipment



EFB TECHNOLOGY

- New EFB technology with punching grids
- Excellent for trucks with additional electrical equipment
- High cycling performance thanks to special polyester separator
- Improved charge acceptance compared to conventional batteries
- Longer service life
- Improved resistance to vibration



AGM TECHNOLOGY

- Extremely long service life
- Designed for extreme power requirements
- Absolutely maintenance-free, resistant to leaks and spills
- Exceptionally stable to high discharges and temperature variations
- Optimal starting power and maximum capacity
- Improved stability under mechanical vibration and/or shaking

Model	Group n°	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Fixation	Terminals	REF
Open lead-acid – 12 V											
605.027.076	LOT7	110	750	345	175	230	23.3	1	B00	1	168TA1236
610.028.077	LOT7	110	750	345	175	230	23.3	0	B00	1	168TA1237
610.013.080	MAC110	110	700	514	175	210	30.6	3	B03	1	168TA1238
610.042.100	L6	110	1000	394	175	190	24.7	0	B13	1	168TA1239
625.023.080	NATO	125	850	286	260	226	30.1	2	B00	1	168TA1240
628.011.070	WOR7	130	840	345	175	285	28.9	0	B00	1	168TA1241
635.039.095	MAC110	135	900	514	175	210	33.4	3	B03	1	168TA1242
635.040.095	MAC110	135	900	514	175	210	33.4	4	B03	1	168TA1243
635.042.076	12C135	135	950	360	253	240	37.8	6	B00	1	138TA7525
640.020.090	A	140	800	513	189	220	32.7	3	B00	1	168TA1244
640.021.076	A	140	800	513	189	223	32.7	4	B00	1	168TA1245
650.020.100	A	150	900	513	189	220	34.4	3	B00	1	168TA1246
650.089.100	B	155	950	513	223	223	39.8	3	B00	1	168TA1247
680.045.115	B	180	1150	513	223	223	43.5	3	B00	1	168TA1248
700.027.125	C	200	1200	514	276	242	53.4	3	B00	1	168TA1249
730.027.130	C	230	1300	514	276	242	55.8	3	B00	1	168TA1250
Maintenance-free – 12 V											
640.020.095SMF	A	140	900	513	189	220	34.5	3	B00	1	165TA4571
680.045.115SMF	B	180	1150	513	223	223	43.6	3	B00	1	165TA4572
730.012.140SMF	C	230	1300	514	276	242	55.8	3	B00	1	165TA4573
EFB – 12 V											
680.002.110	B	185	1100	513	223	223	46.75	3	B00	1	168TA1251
725.002.120	C	235	1250	514	276	242	60.2	3	B00	1	168TA1252
AGM – 12 V											
640.901.095	A	140	950	513	189	220	40.7	3	B00	1	140TA7518
670.901.105	B	170	1050	513	223	223	46.6	3	B00	1	140TA7519
685.901.120	C	195	1200	518	274	242	56.2	3	B00	1	140TA7520
720.901.140	C	220	1400	518	274	242	60.7	3	B00	1	140TA7521

BATTERIES

STARTER BATTERIES

XTREME CLASSIC



DRY CHARGED*

OLDTIMER BATTERIES

* Not filled with acid, battery needs to be filled with acid before usage



Acid 1 litre, only available for professional customers

REF [124TA2887](#)

Model	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	Acid l	REF
6 V										
DIN00811	8	40	90	81	165	1.65	0	1	0.25	168TA1253
DIN05611	70	300	170	175	217	8.2	0	1	3	168TA1254
DIN06612	66	270	177	175	185	8.0	0	1	3	168TA1255
DIN07715	77	310	215	170	190	9.2	0	1	3	168TA1256
DIN08411	89	330	225	174	217	12.3	0	1	3	168TA1257
DIN09811	112	400	265	174	217	12.6	0	1	4	168TA1258
DIN11211	117	465	291	170	227	13.0	0	1	6	168TA1259
DIN11213	112	450	490	102	227	14.0	3	1	4	168TA1260
DIN12018	131	450	263	176	235	14.0	0	1	4	168TA1261
DIN12027	145	435	255	174	217	15.0	0	1	4	168TA1262
DIN13518	131	485	329	175	235	14.5	0	1	6	168TA1502
DIN15012	131	485	320	170	226	14.0	0	1	6	168TA1263
DIN16025	160	600	348	175	220	18.0	0	1	6	168TA1264
12 V										
DIN55623	60	350	250	175	225	15.4	1	1	4	168TA1265
DIN55624	60	350	250	175	225	15.4	0	1	4	168TA1266
DIN55789	65	315	332	133	203	15.0	1	1	4	168TA1267
DIN57211	70	400	490	108	224	17.4	1	1	6	168TA1503
DIN57022	70	400	308	175	225	18.8	1	1	6	168TA1269
DIN57023	70	400	308	175	225	18.8	0	1	6	168TA1270

BATTERY RACK BLACK



Dimensions: 865 x 356 x 1370 mm

REF [168TA1271](#)

MOTORCYCLE BATTERIES

DYNAVOLT
power your life

Beka
BATTERIES

Xtreme
POWERSPORT



1



2



3



4



5



6



7



8

POWER SPORTS BATTERIES FOR MOTORCYCLE, SCOOTER, JETSKI, ATV, LAWNMOWER ...

Model	Alt	Capacity 10 hr Ah	Dimensions (±1 mm)				Weight kg	Charging current A	Layout	Terminals	CCA/ -18 °C	Picture	REF
			L mm	B mm	H mm	HL mm							
Dynavolt classic battery 6 V – with acid pack													
6N6-3B-1	00612	6	99	57	113	113	1.1	0.6		5	48	1	168TA1272
6N11A-1B	01199	11	122	62	132	132	1.7	1.1		5	88	1	168TA1273
6N11A-3A	01214	11	121	59	129	129	1.9	1.1		5	88	1	168TA1274
6N12A-2D	01225	12	155	56	114	114	1.9	1.2		5	120	1	168TA1275
Dynavolt high performance battery 12 V – with acid pack													
D60-N24L-A	52515	28	185	126	170	170	8.2	2.8		3	280	2	168TA1276
D60-N24-A	52830	28	185	126	170	170	8.2	2.8		3	280	2	168TA1277
C60-N35L-A	53211	32	230	126	167	167	8.0	-		5	390	2	168TA1278
Dynavolt high performance battery 12 V – with acid pack													
DB3L-B	50313	3	98	56	111	111	1.2	0.3		5	32	3	168TA1279
DB4L-B	50411	4	120	70	92	92	1.6	0.4		4	40	3	168TA1280
DB5L-B	50512	5	120	60	130	130	1.9	0.5		5	75	3	168TA1281
DB7-A	50813	7	135	76	134	134	2.6	0.7		5	100	3	168TA1282
DB9-B	50914	9	135	75	138	138	2.9	0.9		5	90	3	168TA1283
DB9L-B	50915	9	135	75	138	138	2.9	0.9		5	90	3	168TA1284
DB10L-A2	51112	11	134	90	145	145	3.6	1.1		4	140	3	168TA1285
DB12A-A	51211	12	134	80	160	160	3.9	1.2		5	135	3	168TA1286
DB12A-B	51215	12	134	80	160	160	3.9	1.2		5	135	3	168TA1287
DB12AL-A2	51213	12	134	80	160	160	3.9	1.2		4	135	3	168TA1288
DB14-A2	51412	14	134	89	164	164	4.4	1.4		4	160	3	168TA1289
DB14-B2	51414	14	134	89	164	164	4.4	1.4		4	160	3	168TA1290
DB14L-A2	51411	14	134	89	164	164	4.4	1.4		4	160	3	168TA1291

BATTERIES

STARTER BATTERIES

MOTORCYCLE BATTERIES

Model	Alt	Capacity 10 hr Ah	Dimensions (±1 mm)				Weight kg	Charging current A	Layout	Terminals	CCA/ -18 °C	Picture	REF
			L mm	B mm	H mm	HL mm							
DB14L-B2	51413	14	134	89	164	164	4.4	1.4		4	160	3	168TA1292
DB16AL-A2	51616	16	205	70	162	162	5.2	1.6		2	190	3	168TA1293
DB16CL-B	51914	19	175	100	175	175	6.3	1.9		4	230	3	168TA1294
DB30CL-B	-	30	168	132	192	192	8.9	3.0		4	300	3	168TA1295
DB30L-B	-	30	168	132	176	176	8.9	3.0		4	300	3	168TA1296
Dynavolt high performance maintenance-free battery 12 V – with acid pack													
DTX4L-BS	50314	3	114	70	85	85	1.4	0.3	0	4	50	4	168TA1297
DTX5L-BS	50412	4	114	70	106	106	1.7	0.4	0	4	75	4	168TA1298
DTZ7S-BS	50702	5.5	114	70	106	106	1.9	0.6	0	4	60	4	168TA1299
DTX7A-BS	50615	6	150	87	93	93	2.5	0.6	1	4	85	4	168TA1300
DTX7L-BS	50614	6	114	70	130	130	2.4	0.6	0	4	75	4	168TA1301
DTX9-BS	50812	8	150	87	105	105	2.9	0.8	1	4	90	4	168TA1302
DTX12-BS	51012	10	150	87	130	130	3.7	1.0	1	4	160	4	168TA1303
DTX12A-BS-C	51101	10	150	87	106	106	3.2	1.0	1	9	120	4	168TA1304
DT12B-BS-C	51201	10	150	69	130	130	3.3	1.0	1	9	110	4	168TA1305
DTZ12-BS-C	50901	11	150	87	110	110	3.7	1.1	1	9	170	4	168TA1306
DTZ14-BS-C	51102	11.2	150	87	110	110	3.7	1.1	1	9	170	4	168TA1307
DTX14-BS	51214	12	150	87	146	146	4.3	1.2	1	4	200	4	168TA1308
DTX16-BS	51402	14	150	87	159	159	5.0	1.4	1	4	230	4	168TA1309
DTX20-BS	51802	18	175	87	155	155	6.0	1.8	1	4	250	4	168TA1310
DTX20CH-BS-C	-	18	150	87	161	161	5.5	1.8	1	9	240	4	168TA1311
DTX20L-BS	51801	18	175	87	155	155	6.0	1.8	0	4	250	4	168TA1312
DTX24HL-BS	-	24	205	87	162	162	7.4	2.4	0	4	310	4	168TA1313
DTX30L-BS	-	30	168	127	176	176	9.3	3.0	0	4	350	4	168TA1314
Dynavolt AGM maintenance-free valve regulated sealed battery 12 V													
MGS1218(TL)	DB16CL-B	18	181	77	165	165	6.0	1.8	0	17	160	5	168TA1315
Dynavolt nano gel maintenance-free valve regulated sealed battery 12 V													
MG4L-BS-C	YTX4L-BS	4	113	69	85	85	1.4	0.4	0	9	60	6	168TA1316
MG7ZS-C	YTZ7S	6	113	69	105	105	1.9	0.6	0	9	95	6	168TA1317
MG10ZS-C	YTZ10S	8.6	150	86	94	94	2.8	0.9	1	9	145	6	168TA1318
MG12B-4-C	YT12B-BS	10	150	69	130	130	3.7	1.0	1	9	155	6	168TA1319
MG12ZS-C	YTZ12S	11.2	150	86	110	110	3.4	1.1	1	9	170	6	168TA1320
MG14B-4-C	YT14B-BS	12	150	69	145	145	4.3	1.2	1	9	180	6	168TA1321
MG14ZS-C	YTZ14S	11.2	150	86	111	111	3.7	1.1	1	9	245	6	168TA1322
MG1218	BMW	18	181	77	165	165	6.1	1.8	0	15	190	6	168TA1323
Dynavolt nano gel Harley-Davidson battery 12 V													
GHD14H-BS	65948-00	14	149	87	144	144	4.6	1.4	1	21	220	7	168TA1324
GHD14HL-BS	65958-04/A	14	149	87	144	144	4.6	1.4	0	21	220	7	168TA1446
GHD20H-BS	-	20	176	87	154	154	6.5	2.0	1	20	290	7	168TA1325
GHD20HL-BS	65989-97A/B/C	20	176	87	154	154	6.5	2.0	0	20	290	7	168TA1326
GHD30HL-BS	66010-97A/B/C	30	166	130	175	175	9.8	3.0	0	20	430	7	168TA1327
Deka Original Harley-Davidson battery 12 V													
DEKA/ETX14	65948-00	12	150	88	145	145	5.2	-	1	20	220	8	168TA1324
DEKA/ETX14L	65958-04/A	12	150	88	145	145	5.2	-	0	20	220	8	168TA1446
DEKA/ETX16	65991-82B	19	175	100	155	155	7.7	-	1	20	325	8	168TA1325
DEKA/ETX20L	65989-97A/B/C	17.5	178	90	155	155	6.8	-	0	20	310	8	168TA1326
DEKA/ETX30L	66010-97A/B/C	26	168	131	175	175	9.8	-	0	20	400	8	168TA1327
Xtreme maintenance-free lawnmower battery (Ca/Ca sealed) 12 V													
U1-32	-	32	196	127	159	185	8.0	-	1	5	350	-	168TA1332
U1R-32	-	32	196	127	159	185	8.0	-	0	5	350	-	168TA1333

*Only VRLA batteries (AGM/gel) can be mounted in all positions. MF batteries are restricted to an angle of 45°

*Starting February 2021 it is prohibited to sell separate acid packs to end consumers. No restrictions for B2B sales.

MOTORCYCLE BATTERIES



Shido Lithium batteries have 4 cells LiFePO₄ (Lithium Iron Phosphate) of 3.2 V connected in series in order to reach an OCV of 12.8 V. A perfect voltage to use as a starter battery for motorcycles. The electronic Battery Management System or BMS spread the charge and discharge regularly over the four cells. Thanks to its small internal resistance a Shido Lithium battery can generate a very high starting current with little Ah. This starting power delivers a powerful and quick start of the vehicle

Advantages:

- Superb cranking capacity
- Up to 75% lighter than lead-acid batteries
- Long capacity retention
- Lower self discharge: longer shelf life
- Excellent cycle life: more than 1200 cycles
- More economical
- Drop-in replacement
- Less fuel consumption
- Super-fast recharge
- Safe in use
- No maintenance
- Stable discharge voltage
- No pollution, no lead and no acid
- Capacity indicator
- IP68 waterproof

Model	Capacity		Energy	Dimensions				Weight	Charging current		Layout	REF
	Ah	CA		L	B	H	HL		STD	MAX		
	Ah	A	Wh	mm	mm	mm	mm	kg	A	A		
Shido Lion – 12 V												
LB5L-B	1.6	95	19	120	60	92	120	0.4	1	8	0	168TA1335
LTX4L-BS	1.6	95	20	113	70	85	85	0.4	1	8	0	168TA1336
LTX5L-BS	1.6	95	20	113	70	85	105	0.4	1	5	0	168TA1337
LTZ5S	2	120	24	113	69	85	85	0.5	1	10	0	168TA1338
LTM2L	2	120	24	89	49	90	90	0.5	1	10	0	168TA1339
LTZ7S	2.4	150	30	113	69	85	105	0.6	1.5	12	0	168TA1340
LTX7A-BS	2.4	150	30	150	87	93	93	0.6	1.5	12	1	168TA1341
LTX7L-BS	2.4	150	30	113	69	85	125	0.6	1.5	12	0	168TA1342
LT7B-BS	3	180	36	150	65	92	92	0.7	1.5	15	1	168TA1343
LB9-B Q	3	180	36	134	75	134	134	0.6	1.5	12	0/1	168TA1344
LT9B-BS	3	180	36	150	65	92	106	0.7	1.5	15	1	168TA1345
LTX9-BS	3	180	36	150	87	105	105	0.7	1.5	15	1	168TA1346
LT12A-BS	3.5	210	42	150	87	93	107	0.9	2	18	1	168TA1615
LTZ10S	4	240	48	150	87	93	93	0.9	2	20	1	168TA1347
LB12AL-A2 Q	4	240	48	130	75	134	160	0.9	2	20	0/1	168TA1348
LTX12-BS	4	240	42	150	87	105	130	0.9	2	18	1	168TA1349
LTX14-BS	4	240	48	150	87	105	145	1.1	2	20	1	168TA1350
LTX14AHL-BS Q	4	240	48	134	75	133	168	1.1	2	20	0/1	168TA1351
LTX14L-BS	4	240	48	150	87	105	145	1.1	2	20	0	168TA1352
LTZ8V	4.5	270	54	113	69	105	105	0.9	2.5	22.5	0	168TA1353
LB16AL-A2	5	300	60	150	65	130	144	1.1	2.5	25	0	168TA1354
LT12B-BS	5	300	60	150	65	130	130	1.1	2.5	25	1	168TA1355
LTZ12S	5	300	60	150	87	93	110	1.1	2.5	25	1	168TA1356
LTZ14S	5	300	60	150	87	93	110	1.1	2.5	25	1	168TA1357
LT14B-BS	5	300	60	150	65	130	144	1.1	2.5	25	1	168TA1358
LTX16-BS	6	360	72	150	87	105	164	1.4	3	24	1	168TA1359
LTX20CH-BS	6	360	72	150	87	105	164	1.4	3	24	1	168TA1360
LTX20L-BS Q	7	420	84	175	87	130	155	1.4	3.5	28	0/1	168TA1361
LTX24HL-BS Q	7	420	84	175	87	130	163	1.7	3.5	28	0/1	168TA1616
51913	7.5	420	90	181	77	170	170	1.7	4	28	0	168TA1362
LIX30L-BS Q	8	480	96	167	124	163	163	2	4	32	0/1	168TA1363

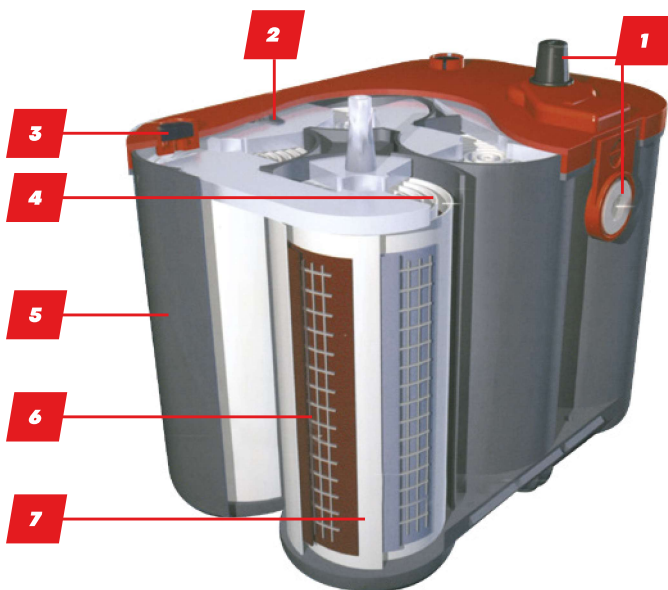
BATTERIES

STARTER BATTERIES



OPTIMA SPIRALCELL TECHNOLOGY®

OPTIMA's unique anatomy is built on SpiralCell® Technology. Instead of flat plates used in ordinary batteries, OPTIMA uses two thin lead plates wound into a spiral cell with a glass-mat inbetween to contain the acid. The technique of winding the cells, which are linked with solid connections, gives maximum performance with a minimum of size and weight. This makes the battery compact, robust and easy to mount.



ADVANTAGES

- Absolutely maintenance-free
- Maximum vibration resistance
- Large cycle capacity
- Long storage period, high resistance to corrosion
- Leakproof, can be built-in in every position
- Quick charge, more capacity
- Better resistant to extreme temperatures

- 1.** Corrosion resistant terminals
- 2.** Heavy-duty straps for an optimal reliability
- 3.** Resalable pressure relief valve with flame trap
- 4.** SpiralCell construction with a maximum vibration resistance

- 5.** Impact resistant polypropylene case
- 6.** High purity lead grids for long life
- 7.** Absorbent Glass Mat separator holds electrolyte like a sponge

STARTING BATTERY FOR PROFESSIONAL USE



- Maximum starting power for big diesel engines and heavy machines
- This technology guarantees a maximum of starting power, also at extreme temperature differences of -40 to 40 °C.

OPTIMA REDTOP™

Alt	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	REF	Old REF
6 V										
RT S-2.1	50	815	255	90	206	8.4	1	1	168TA1366	BAT/28426
12 V										
RT S-3.7	44	730	237	171	197	14.4	1	1	168TA1367	BAT/28421
RT U-3.7	44	730	237	171	197	15.0	1	1 + 21	168TA1368	BAT/28419
RT R-3.7	44	730	237	171	197	14.4	0	1	168TA1369	BAT/28423
RT S-4.2	50	815	254	175	200	17.2	1	1	168TA1370	BAT/16941
RT U-4.2	50	815	254	175	200	17.6	1	1 + 21	168TA1371	BAT/28417
RT R-4.2	50	815	254	175	200	17.2	0	1	168TA1372	BAT/28325
RT C-4.2	50	815	254	175	200	17.2	1	1	168TA1373	BAT/28324
RT F-4.2	50	815	254	185	184	17.9	1	21	168TA1374	BAT/47598

DUAL POWER BATTERIES FOR PROFESSIONAL USE



- OPTIMA YellowTop is a battery which combines the advantages of a starting battery with those of a traction battery.

OPTIMA YELLOWTOP™

Alt	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	REF	Old REF
12 V										
YT S-2.7J	38	460	237	129	227	12.4	1	3	142TA3199	BAT/28429
YT S-2.7	38	460	237	129	227	11.8	1	1	142TA3200	BAT/28430
YT R-2.7J	38	460	237	129	227	11.8	0	3	142TA3201	BAT/31774
YT R-2.7	38	460	237	129	227	11.8	0	1	142TA3202	BAT/28432
YT R-3.7	48	660	237	172	197	16.6	0	1	142TA3203	BAT/31772
YT S-4.2	55	765	254	175	200	19.5	1	1	123TA9059	BAT/28090
YT U-4.2	55	765	254	175	200	19.9	1	1 + 21	142TA3189	BAT/28428
YT R-5.0	66	845	309	172	219	24.1	0	1	168TA1382	BAT/47601
YT S-5.5	75	975	325	165	238	26.5	1	1	142TA3197	BAT/28326

STARTING & DEEP-CYCLE BATTERY FOR MARINE



- BT SLI 4.2: designed for engine starting applications. Not recommended or warranted for use in deep-cycle applications.
- BT DC 4.2/BT DC 5.5: dual purpose batteries. Designed for engine starting and deep-cycle applications and for use in boats with large accessory loads.

OPTIMA BLUETOP™

Alt	Capacity Ah	CCA (EN) A	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	REF	Old REF
12 V										
BT DC 5.5	75	975	325	165	238	26.5	1	DT 1 + 8	168TA1384	BAT/28438
BT DC 5.0	66	845	309	172	221	24.4	1	DT 1 + 8	168TA1385	BAT/28435
BT DC 4.2	55	765	254	175	200	19.7	1	DT 1 + 8	168TA1386	BAT/28436
BT SLI 4.2	50	815	254	175	200	17.4	1	DT 1 + 8	168TA1387	BAT/28434

BATTERIES

STARTER BATTERIES

ODYSSEY
BATTERY

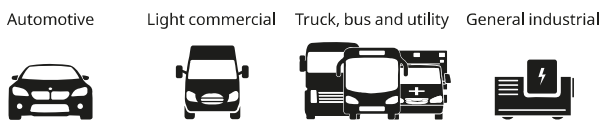
ULTRA HIGH PERFORMANCE BATTERIES



THE WORLD'S MOST INNOVATIVE ENGINE STARTING & CYCLING TECHNOLOGY

- Thin Plate Pure Lead (TPPL): uniquely manufactured thin Pure Lead plates make them comparable to thick plates, allowing more plates in the same space.
- Twice the power and three-times the life of any other conventional battery.

ODYSSEY PERFORMANCE (ODP) AUTOMOTIVE



Specially designed and developed for extremely heavy-duty applications, ODYSSEY Performance (ODP) batteries will easily handle the increasing demands of start/stop and onboard accessories, supplying twice the power and three-times the life of conventional batteries.

Model	C20 capacity	CCA	Reserve capacity (min)	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	REF
	Ah	A								
12 V										
ODP-AGM75 86	49	708	89	240	171	202	20	1	DT 1 + 21	168TA1478
ODP-AGM96R	52	600	90	242	175	174	18	0	1	168TA1479
ODP-AGM25	59	675	110	240	172	217	21	1	1	168TA1480*
ODP-AGM35	59	675	110	240	172	217	21	0	1	168TA1388*
ODP-AGM34	61	792	120	275	172	199	21	1	1	168TA1481
ODP-AGM34R	61	792	120	275	172	199	21	0	1	168TA1482
ODP-AGM78	61	792	120	275	172	187	21	1	21	168TA1483
ODP-AGM24	63	725	155	276	172	225	23	1	1	168TA1484*
ODP-AGM24F	63	725	155	276	172	225	23	0	1	168TA1485*
ODP-AGM47 H5 L2	62	650	105	242	175	189	19	0	1	168TA1486
ODP-AGM65	64	750	129	301	183	192	23	1	1	168TA1487
ODP-AGM48 H6 L3	69	720	130	277	174	189	22	0	1	168TA1488
ODP-AGM94R H7 L4	80	840	150	315	174	189	25	0	1	168TA1489
ODP-AGM27	85	850	182	316	172	225	27	1	1	168TA1490*
ODP-AGM27F	85	850	182	316	172	225	27	0	1	168TA1491*
ODP-AGM49 H8 L5	94	950	160	353	174	189	29	0	1	168TA1389
ODP-AGM31	100	925	200	330	172	243	32	1	8	168TA1492
ODP-AGM31A	100	925	200	330	172	240	32	1	1	168TA1493
ODP-AGMDINB	170	1300	370	518	226	218	53	3	1	168TA1390
ODP-AGMDINC	220	1500	475	518	276	225	65	3	1	168TA1391

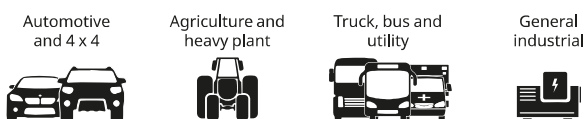
*Ask for availability

ODYSSEY PERFORMANCE SERIES DIN B (REF 168TA1390) AND DIN C (REF 168TA1391)



- The only battery that can truly meet the severe demands of modern trucks.
- With a deep-cycle capability of 660 cycles to 50% DOD, these batteries allow truck operators to keep onboard accessories and tail lifts running day and night, and still be assured of an engine start – even in the coldest temperatures.

ODYSSEY EXTREME (ODX)



Where size and power matters, the ODYSSEY Extreme (ODX) battery gives you it all. With its heritage in military and specialist vehicle applications, this range is the toughest you can get – whether it's extreme terrain, temperatures or power demand, or all of them combined, the ODX range will deliver.

Model	C20 capacity	CCA	Reserve capacity (min)	Length	Width	Height	Weight	Layout	Terminals	REF
	Ah	A		mm	mm	mm	kg			
12 V										
ODX-AGM34	68	850	134	276	172	202	23	1	1	168TA1392
ODX-AGM34R	68	850	134	276	172	200	23	0	1	168TA1494
ODX-AGM34 78	68	850	134	276	172	200	23	1	DT 1 + 21	168TA1393
ODX-AGM65	74	950	135	301	183	190	25	1	1	168TA1394
ODX-AGM31*	100	1150	205	330	173	241	35	1	8	168TA1395
ODX-AGM31A	100	1150	205	330	173	246	35	1	1	168TA1495

*Available with Metal Jacket (MJ)

ODYSSEY POWER & MOTORSPORTS (ODS)



With a pedigree and reputation known across the Power & Motorsports world, ODYSSEY Power & Motorsports (ODS) batteries provide concentrated extreme dual-purpose power while supplying exceptional reliability, service life and deep-cycle capabilities to keep you ahead.

Model	C20 capacity	CCA	Reserve capacity (min)	Length	Width	Height	Weight	Layout	Terminals	REF
	Ah	A		mm	mm	mm	kg			
12 V										
ODS-AGM8E	8	100	9	138	86	99	3	0	M4	168TA1664
ODS-AGM15L*	13	150	18	176	84	124	5	0	M6	168TA1396
ODS-AGM16B	14	200	21	170	99	158	5	1	M6	168TA1397
ODS-AGM16L*	16	170	24	182	76	162	7	0	M6	168TA1398
ODS-AGM16CL	18	220	26	170	99	177	6	0	M6	168TA1399
ODS-AGM28	28	330	48	167	176	119	11	1	M6	168TA1400
ODS-AGM28L*	28	330	48	169	179	148	11	0	M6	168TA1406
ODS-AGM30E	34	400	60	250	97	156	9	0	M6 stud	168TA1407
ODS-AGM42L*	42	540	78	198	166	163	17	0	M6	168TA1401
ODS-AGM40E	45	500	87	250	97	206	13	0	M6 stud	168TA1408
ODS-AGM70	68	810	142	331	168	168	28	0	M6	168TA1402
ODS-AGM70A	68	810	142	331	168	197	28	0	1	168TA1496

*Available with Metal Jacket (MJ)

ODYSSEY MARINE



Especially designed for marine applications, although can be used in other applications where size and fitments allow.

Model	C20 capacity	CCA	Reserve capacity (min)	Length	Width	Height	Weight	Layout	Terminals	REF
	Ah	A		mm	mm	mm	kg			
12 V										
ODP-AGM34M	60	710	120	275	172	201	21.6	1	DT 1 + 8	168TA1497
ODP-AGM24M	63	725	155	276	172	225	23.3	1	DT 1 + 8	168TA1498*
ODX-AGM34M	68	850	134	276	172	202	22.5	1	DT 1 + 8	168TA1403
ODP-AGM27M	85	850	182	316	147	225	27.1	1	DT 1 + 8	168TA1499*
ODP-AGM31M	87	925	190	330	172	240	32.7	0	DT 1 + 8	168TA1500
ODX-AGM31M	100	1150	205	330	173	239	35.3	1	DT 1 + 8	168TA1404
ODS-AGM6M	126	1225	240	286	269	233	39.0	2	DT 1 + 8	168TA1501
ODP-AGMDINB	170	1300	370	518	226	218	53.3	3	1	168TA1390
ODS-AGM470FTT	214	1300	475	581	125	316	60.0	4	M10 stud	168TA1409
ODP-AGMDINC	220	1500	475	518	276	225	65.0	3	1	168TA1391

* Ask for availability

BATTERIES

STARTER BATTERIES

SPECIAL TYPES



Model	Capacity Ah	CCA A	Length mm	Width mm	Height mm	Weight kg	Layout	Fixation	Terminals	Picture	REF
6V											
1-640	90	670 (SAE)	231	176	222	14.0	2	B00	1	1	168TA1410
2-700	135	650 (SAE)	260	174	221	17.0	2	B00	1	2	168TA1411
4H-950	150	950 (SAE)	321	178	241	29.0	2	B00	1	3	168TA1412
112.013.052	112	920 (SAE)	487	109	248	23.0	9	B00	1	4	168TA1413
12V											
570.016.054	70	480 (SAE)	487	109	217	19.3	9	B00	1	5	138TA7524
75-650	70	625 (SAE)	230	179	187	16.3	1	B00	21	6	168TA1414
78-800	70	770 (SAE)	260	179	187	19.0	1	B00	21	7	168TA1415
31A-1100	105	1100 (SAE)	330	171	240	28.0	9	B00	1	8	168TA1416
635.042.076	135	950 (EN)	360	253	240	32.8	0	B00	1	9	138TA7525

DUAL PURPOSE CYCLIC BATTERIES



Characteristics:

- CaCa
- Maintenance free
- Type: MF 12 V – 100 Ah – 1000 MCA

REF [168TA1419](#)



Characteristics:

- CaCa
- Maintenance free
- Type: MF 12 V – 90 Ah – 800 A

REF [167TA9957](#)



Characteristics:

- CaCa
- Maintenance free
- Type: MF 12 V – 80 Ah – 680 A

REF [168TA1417](#)



Characteristics:

- CaCa
- Maintenance free
- Type: MF 12 V – 90 Ah – 750 A

REF [168TA1418](#)

SPECIAL TYPES

Model	C20	C5	Length	Width	Height	Weight	Layout	Terminals	Magic Eye	REF
	Ah	Ah	mm	mm	mm	kg				
Maintenance free deep-cycles CaCa dual purpose – 12 V										
MF24DC	80	64	257	172	220	18.2	1	DT 1 + 8	Yes	168TA1417
MF27DC	90	72	302	172	220	20.8	1	DT 1 + 8	Yes	168TA1418
9.575.1 MF	90	75	353	175	190	22.5	0	1	No	167TA9957
MF31DC	100	80	330	172	242	23.2	1	DT 1 + 8	Yes	168TA1419