



AUTOMOTIVE & COMMERCIAL



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When you fit a Shield Battery you know you're fitting the best.

Shield Batteries offer the ultimate choice when it comes to selecting vehicle starter batteries. Shield Batteries provide a no compromise high quality product in order to meet their customer requirements.

Manufacturers since 1910, Shield Batteries have a wealth of experience when it comes to providing the right battery for the right job. In recent years, the energy demands of modern vehicles have risen by up to 300%. Never before has it been more important not to cut corners on the quality of the battery.

All Shield's Batteries are manufactured to meet and often exceed the original equipment manufacturers specifications. We use the latest technology in design and the best quality materials which are backed by a continuous research and development program.

- Highly concentrated energy, providing high capacity and high starting power.
- Better corrosion resistance by use of advanced alloys.
- Better resistance to discharge & better recharge.
- Convenient carrying handles for ease of handling.
- Powerful CCA for Petrol & Diesel engines.
- Suitable for extreme hot & cold operating temperatures.
- AGM & EFB suitable for modern start stop vehicles.
- Complies with OEM specifications.



THE CORRECT CHOICE OF BATTERY

When replacing a battery it is important to keep to the original battery technology. If the vehicle has "Start Stop" technology & is fitted with an AGM battery it **MUST** be replaced with an AGM battery of the correct specification, the same goes for EFB batteries.

NEVER reduce the technology in an attempt to reduce costs as this will only result in premature failure of the replacement battery & will invalidate

the warranty. If a standard flooded battery is fitted to a Start-Stop vehicle it will most definitely fail very early depending on driving patterns. Failure could be within 2-4 months of installation. This type of battery failure will lead to a loss of vehicle functions (including Start-Stop). It will also mean considerable inconvenience for the customer and dissatisfaction with the replacement battery.



Product Range

Performance Plus AGM - High Power Advanced

Features: Approximately 360,000 starts • For high specification Start/Stop vehicles
 Absorbed Glass Mat construction with no free acid • Double lid (Leak/spill proof)
 VRLA • Integrated flame arrestor • OE Quality, Performance & Specification



Performance: +150% Improved Dynamic Charge Acceptance (DCA) • +200% Increased Cyclic Durability

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
012AGM		50	520	207	175	190	0	T1	B3	15.9
019AGM	595 901 085	92	850	354	175	190	0	T1	B3	27.2
020AGM	605 901 095	105	950	394	175	190	0	T1	B3	29.8
027AGM	560 901 068	60	640	242	175	190	0	T1	B3	17.0
096AGM	570 901 076	70	720	278	175	190	0	T1	B3	21.0
115AGM	580 901 080	80	800	315	175	190	0	T1	B3	24.2

Performance Plus - EFB

Features: Approximately 270,000 starts • For lower specification Start/Stop vehicles
 Sealed tip/tilt double lid - Reduces water loss by up to 30% - VDA roll over test compliant
 High charge acceptance envelope type separators and anti-sulphation technology
 Carbon/Lithium plate additives • Integrated flame arrestor • OE Quality, Performance & Specification



Performance: +170% Improved Dynamic Charge Acceptance (DCA) • +100% Increased cyclic durability

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
027EFB	560 500 056	60	560	242	175	190	0	T1	B3	16.6
096EFB	570 500 065	70	680	278	175	190	0	T1	B3	19.3

Performance Plus - SMF

Features: Approximately 30,000 starts
 Sealed tip/tilt double lid - Reduces water loss by up to 30% - VDA roll over test compliant
 Calcium/Calcium plates • Integrated carrying handle & flame arrestor
 State of charge indicator (SOC) • OE Quality, Performance & Specification

Performance: Up to 20% increase in cranking power

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
004SMF		50	450	202	173	225	1	T1	N	12.8
005SMF	560 410 054	60	450	232	175	225	0	T1	N	14.9
008SMF		50	450	202	173	225	0	T1	N	12.8
009SMF		30	280	167	127	224	0	T3	N	8.6
012SMF	552 400 047	50	420	207	175	190	0	T1	B3	12.2
014SMF	560 411 054	60	450	232	175	225	1	T1	N	14.9
017SMF	588 403 074	90	800	353	175	175	0	T1	B3	21.2
019SMF	600 402 083	95	850	353	175	190	0	T1	B3	22.5
020SMF	610 402 092	110	900	393	175	190	0	T1	B3	26.7
027SMF	560 408 054	60	550	243	175	190	0	T1	B3/B4	14.8
030SMF		70	570	260	174	225	0	T1	N	17.3

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
031SMF		70	570	260	174	225	1	T1	N	17.3
053SMF	545 156 033	45	400	238	129	223	0	T1+T3	N	11.4
054SMF	540 126 033	36	330	187	127	223	0	T1+T3	N	9.0
055SMF	540 127 033	36	330	187	127	223	1	T1+T3	N	9.0
056SMF		36	330	187	137	225	0	T1+T3	B1	9.0
057SMF	545 158 033	45	400	238	129	223	1	T1+T3	N	11.4
063SMF	544 402 044	45	425	207	175	175	0	T1	B3/B4	11.5
068SMF	570 412 063	70	570	269	174	225	0	T1	B9	17.3
069SMF	570 413 063	70	570	269	174	225	1	T1	B9	17.3
075SMF	561 400 060	60	550	243	175	175	0	T1	B3/B4	13.9
077SMF	545 413 040	45	380	207	175	190	1	T1	B3	11.8
078SMF	556 401 048	60	550	243	175	190	1	T1	B3	14.8
086SMF	574 013 068	75	650	278	175	190	1	T1	B3	18.0
096SMF	574 012 068	75	650	278	175	190	0	T1	B3	18.0
100SMF	572 409 068	71	650	278	175	175	0	T1	B3/B4	15.8
108SMF		50	400	202	173	225	0	T1	B1	12.8
110SMF	580 406 074	80	720	317	175	175	0	T1	B3	18.3
111SMF	557 017 045	50	530	236	182	178	0	T1	B1	12.9
113SMF	557 016 045	50	530	236	182	178	1	T1	B1	12.9
202SMF	540 406 034	40	360	175	175	190	0	T1	B3	10.5
334SMF	595 405 083	90	700	303	174	222	1	T1	B1	20.8
335SMF	595 404 083	90	700	303	174	222	0	T1	B1	20.8

Special Battery Types

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
895		26	200	187	127	181	0	T4	N	7.5
896		26	200	187	127	181	1	T4	N	7.5
895MF		32	295	187	127	181	0	T4	N	7.8
896MF		32	295	187	127	181	1	T4	N	7.8
MX5		31	475	197	130	178	0	T1	N	12.0

Performance

Features: Approximately 20,000 starts • Remote flame arrestor on selected batteries • Central venting
Integrated carrying handle • Calcium/Calcium plates • OE Quality, Performance & Specification

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
002	532 035 023	38	250	160	175	190	1	T1	B1	10.5
012	545 412 040	45	380	207	175	190	0	T1	B3	11.8
015		45	350	238	135	206	1	T1	B12	11.1
017	588 403 074	85	770	353	175	175	0	T1	B3	20.5
027	566 400 048	55	480	243	175	190	0	T1	B3/B4	14.2
037		35	330	238	135	206	0	T4	B12	9.7
038		35	330	239	133	206	1	T1	B12	9.7
048	545 077 030	45	350	220	135	225	0	T1	B1	13.0
049	545 079 030	45	350	220	135	225	1	T1	B1	13.0
063	541 400 036	40	350	207	175	175	0	T1	B3/B4	10.8
072	570 413 063	70	570	265	173	205	1	T1	B14	19.2
075		54	470	242	175	175	0	T1	B3	13.7
085		40	350	207	175	175	0	T4F	B3	10.4
089		70	570	260	173	205	1	T1	N	19.1
096		70	620	278	175	190	0	T1	B3	17.2
097		54	470	242	175	175	0	T4F	B3	12.8
100		70	620	278	175	175	0	T1	B3	15.8
104		32	210	180	140	190	1	T1	N	7.8

Performance American Range

Features: Approximately 20,000 starts • Integrated carrying handle • Calcium plates • OE Quality, Performance & Specification

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
AM75		50	450	230	182	181	1	AM	B1	15.9
AM78		60	550	260	182	186	1	AM	N	16.3
AM80		80	600	300	186	190	1	T1	B1	16.4

Performance SHD-CV Super Heavy Duty

Features: Advanced plate design • Increased service life over HD • Deep cycle capabilities • Vibration Resistant
OE Quality, Performance & Specification

Performance: Up to 30% increase in cranking power over Performance CV

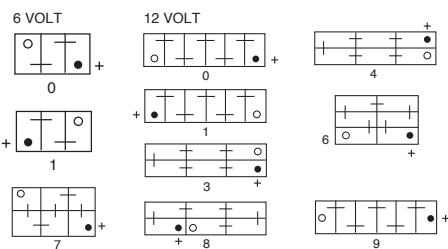
Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
627SHD	640 103 080	143	850	513	189	223	3	T1	N	39.0
629SHD	670 103 100	180	1050	513	223	223	3	T1	N	44.0
640SHD		115	1000	330	171	240	9	T1	N	26.2
665SHD	610 404 068	115	800	345	172	232	0	T1	B1	29.5
724SHD		225	1200	518	276	243	4	T1	N	59.6
725SHD	725 103 115	225	1200	518	276	243	3	T1	N	59.6

Performance HD-CV Heavy Duty

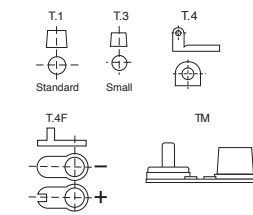
Features: Advanced plate design • Deep cycle capabilities • Vibration Resistant • OE Quality, Performance & Specification

Type	Nearest Equiv ETN Ref	AH C20	CCA EN1	Dimensions (mm)			Layout	Terminal	Base Holddown	Weight Kg's
				Length	Width	T Height				
615	610 013 076	135	910	514	175	210	3	T1	B3	32.5
616	600 035 060	100	600	407	173	233	1	T1	N	29.6
618	600 047 060	100	600	407	173	233	0	T1	N	29.6
621	655 013 090	145	900	513	223	223	3	T1	N	44.0
622	630 014 068	135	880	510	217	209	3	T1	N	38.0
623	620 046 068	145	900	513	223	223	4	T1	N	44.0
624		200	1050	518	276	242	4	T1	N	55.0
625	700 038 105	200	1050	518	276	242	3	T1	N	55.0
626		120	675	513	189	223	4	T1	N	44.0
627	620 045 068	120	675	513	189	223	3	T1	N	33.6
629	670 103 100	170	1000	513	223	223	3	T1	N	42.0
632	725 103 115	225	1150	518	276	242	3	T1	N	59.6
633	635 042 068	135	735	360	253	240	6	T1	B1	40.8
640		100	900	330	171	240	9	T1	N	24.8
643	596 015 060	95	600	345	173	232	0	T1	N	26.0
644	596 016 060	95	600	345	173	232	1	T1	N	26.0
655	625 012 072	125	720	345	173	290	0	T1	N	34.0
656	625 014 072	125	720	345	173	290	1	T1	N	34.0
663	605 028 068	105	700	345	173	232	0	T1	N	27.6
664	605 027 068	105	700	345	173	232	1	T1	N	27.6
6TN	625 023 070	125	700	280	267	230	7	T1	N	37.6

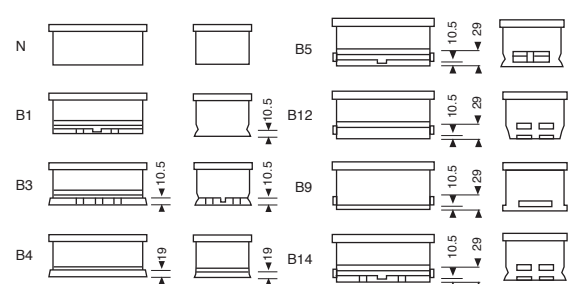
Battery Terminal Layout



Battery Terminal Type



Battery Hold Down & Features



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