

Batteries for Commercial Vehicles



ATLASBXTM
THE POWER COMPANY

Super Heavy Duty Batteries : Features & Benefits

The needs for Super Heavy Duty Battery



Big Trucks, Buses, Construction Vehicles, Delivery Vehicles, Coaches.....need the excellent performance and safety. ATLASBX's Super Heavy Duty Batteries have excellent cold cranking ampere to provide the best starting, higher reserve capacity and deep discharge cycling to provide the full power. ATLASBX's Super Heavy Duty Batteries also have resistance to outside impact and vibration to provide the best safety.

Features & Benefits : The best performance & safety

Features	Benefits
Sealed MF (Venting System)	- No time and money spent maintaining the battery
Calcium Alloy	- Prevents grid surface from corrosion - Reduces self discharge by chemical bonding with grains of calcium - Minimal water evaporation
Thicker plate and High density active material	- Provides high endurance in deep discharge cycling and the best charging acceptance
Hot melt glue	- Ensures resistance to outside impact and vibration, and minimize loss of active materials
PE+Fleece Env. Separator	- Upgraded vibration resistance
X-Frame	- Improvement in life span, providing stable starting power, and reduction of grid growth and short-circuit
Magic-eye indicator	- Easy to check charging-state
Easy carry handle	- Provides an easy transportation and installation
Reinforced container	- Protects the battery from vibration and impact



※ All of the Brands manufactured by ATLASBX are available.

Specification



Super Heavy Duty (Sealed Maintenance Free)

provides the best performance and convenience

Gr.No	Catalogue No.	ETN NO.	CAPACITY 20HR (AH)	CCA (EN)	Dimension(mm)				Layout	Terminal	Hold-down	
					L	W	H	TH				
DIN	MF EN A	MF63530	635 030 070	135	700	511	188	195	217	3	A	B0/B13
		MF64589	645 089 080	145	800							
	MF EN B	MF66514	665 014 090	165	900	511	222	195	217	3	A	B0/B13
		MF68032	680 032 100	180	1000							
	MF EN C	MF71014	710 014 105	210	1050	516	274	216	238	3	A	B0/B13
		MF72512	725 012 115	225	1150							



Heavy Duty (Wet/Hybrid)

provides better performance

Gr.No	Catalogue No.	JIS : OLD JIS NO. DIN : ETN NO.	CAPACITY 20HR (AH)	CCA JIS, BCI : SAE DIN : EN	Dimension(mm)				Layout	Terminal	Hold-down	
					L	W	H	TH				
JIS	F51	130F51	120	850	506	182	210	230	4	A	B0	
		150F51	NT200-12	135	930	506	182	210	230	4	A	B0
	G51	155G51	N150	150	950	506	220	210	230	4	A	B0
	H52	210H52	N200	200	1200	519	277	218	240	4	A	B0
DIN	MAC110	61023	610 023 072	110	720	512	175	210	210	3	A	B0
	MAC140	64323	643 023 095	143	950	512	218	210	210	3	A	B0
	DIN630	63013	630 013 068	130	680	512	217	186	208	3	A	B0
	A(DIN620)	62034	620 034 068	120	680	512	186	195	216	3	A	B0/B13
		62038	620 038 068	120	680	512	186	195	216	4	A	B0/B13
		63530	635 030 068	135	680	512	186	195	216	3	A	B0/B13
		63531	635 031 068	135	680	512	186	195	216	4	A	B0/B13
	B(DIN665)	64317	643 017 090	143	900	512	220	195	216	3	A	B0/B13
		64318	643 018 090	143	900	512	220	195	216	4	A	B0/B13
		66514	665 014 095	165	950	512	220	195	216	3	A	B0/B13
		66515	665 015 095	165	950	512	220	195	216	4	A	B0/B13
		68032	680 032 100	180	1000	512	220	195	216	3	A	B0/B13
		70027	700 027 105	200	1050	512	275	215	236	3	A	B0
	C(DIN710)	70029	700 029 105	200	1050	512	275	215	236	4	A	B0
		71014	710 014 115	210	1150	512	275	215	236	3	A	B0
		73011	730 011 120	230	1200	512	275	215	236	3	A	B0
73011		730 011 120	230	1200	512	275	215	236	3	A	B0	
BCI	4DLT	4DLT-890	135	890	519	206	181	203	3	A	B0	
	4D	4D-950	150	950	528	214	224	246	4	A	B0	
	8D	8D-1300	200	1300	528	277	224	246	4	A	B0	



Heavy Duty (Sealed Maintenance Free)

provides better performance and convenience

Gr.No	Catalogue No.	OLD JIS NO.	CAPACITY 20HR (AH)	CCA (SAE)	Dimension(mm)				Layout	Terminal	Hold-down	
					L	W	H	TH				
JIS	F51	MF135F51	N120	120	870	506	182	210	233	4	A	B0
	G51	MF160G51	N150	150	1000	506	212	210	230	4	A	B0
	H52	MF210H52	N200	200	1200	509	274	218	238	4	A	B0
		MF245H52		220	1400	509	274	218	238	4	A	B0



Starter (Standard) - Conventional

provides good performance

Gr.No	Catalogue No.	JIS : OLD JIS NO. DIN : ETN NO.	CAPACITY 20HR (AH)	CCA JIS, BCI : SAE DIN : EN	Dimension(mm)				Layout	Terminal	Hold-down	
					L	W	H	TH				
JIS	F51	130F51	N120	120	850	506	182	210	230	4	A	B0
		150F51	NT200-12	135	930	506	182	210	230	4	A	B0
	G51	155G51	N150	150	950	506	220	210	230	4	A	B0
	H52	180H52	N200S	180	1130	519	277	218	240	4	A	B0
		210H52	N200	200	1200	519	277	218	240	4	A	B0
DIN	COM100	59017	590 017 060	90	600	342	172	214	236	0	A	B0
		59615	596 015 060	96	600	342	172	214	236	0	A	B0
		60527	605 027 068	105	680	342	172	214	236	1	A	B0
		60528	605 028 068	105	680	342	172	214	236	0	A	B0
	COM125	62512	625 012 072	125	720	342	172	262	286	0	A	B0
		62514	625 014 072	125	720	342	172	262	286	1	A	B0
	MAC110	61023	610 023 072	110	720	512	175	210	210	3	A	B0
	MAC140	64323	643 023 095	143	950	512	218	210	210	3	A	B0
	DIN630	63013	630 013 068	130	680	512	217	186	208	3	A	B0
	A(DIN620)	62034	620 034 068	120	680	512	186	195	216	3	A	B0/B13
		62038	620 038 068	120	680	512	186	195	216	4	A	B0/B13
		63530	635 030 068	135	680	512	186	195	216	3	A	B0/B13
		63531	635 031 068	135	680	512	186	195	216	4	A	B0/B13
	B(DIN665)	64317	643 017 090	143	900	512	220	195	216	3	A	B0/B13
		64318	643 018 090	143	900	512	220	195	216	4	A	B0/B13
		66514	665 014 095	165	950	512	220	195	216	3	A	B0/B13
		66515	665 015 095	165	950	512	220	195	216	4	A	B0/B13
	C(DIN710)	68032	680 032 100	180	1000	512	220	195	216	3	A	B0/B13
		70027	700 027 105	200	1050	512	275	215	236	3	A	B0
		70029	700 029 105	200	1050	512	275	215	236	4	A	B0
71014		710 014 115	210	1150	512	275	215	236	3	A	B0	
	73011	730 011 120	230	1200	512	275	215	236	3	A	B0	
BCI	4DLT	4DLT-890	135	890	519	206	181	203	3	A	B0	
	4D	4D-950	150	950	528	214	224	246	4	A	B0	
	8D	8D-1300	200	1300	528	277	224	246	4	A	B0	
	6TN	6TN-760	100	760	280	266	204	224	2	A	B0	
KS	26H	PT110	100	650	264	246	201	223	2	A	B0	

Technical Information & Characteristics & Performance rating comparison

Technical Information

Layout	Hold-Down	Terminal A (Standard)
	<p>B13: 5 notches</p> <p>B13 Hold Down : 10.5mm on all four sides</p> <p>B0: There is no Hold-Down</p>	<p>Positive Terminal Negative Terminal</p>

Characteristics comparison

		Super Heavy Duty	Heavy Duty	Heavy Duty (Wet/Hybrid)
Battery				
Service		Super Heavy Duty	Heavy Duty	Heavy Duty
Grid	Positive	Ca / X-Frame	Ca / Expanded	Sb / Cast
	Negative	Ca / Expanded	Ca / Expanded	Ca / Cast
Separator		P.E.+Fleece	P.E.+Fleece	P.E (+Fleece)
Hot melt glue		Yes	Yes	Yes
Cover/Cap		Sealed	Sealed	Open Vent

Performance rating comparison

	Super Heavy Duty	Heavy Duty	Heavy Duty (Wet/Hybrid)
Shelf Life	★★★★	★★	★
Starting Power	★★★★	★★★★	★★
Charging Acceptance	★★★★	★★	★
Vibration Resistance	★★★★	★★	★
Cycling Service (Idle)	★★★★	★	★★
Life Cycle	★★★★	★★	★★
Handling, Maintenance	★★★★	★★★★	★★
Safety	★★★★	★★★★	★★

★ - Good ★★ - Very Good ★★★ - Excellent



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CAT.NO.SHD-121127