

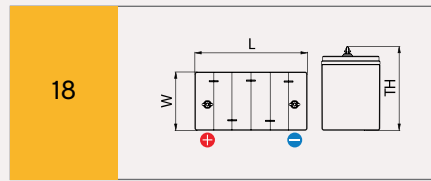
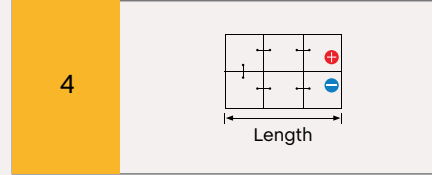
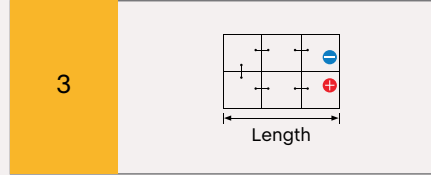
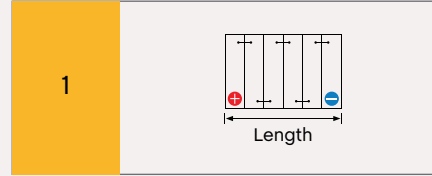
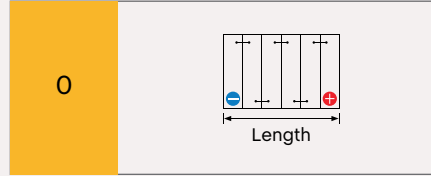


Hit The Road

Harekete Geç!

TURBO
BATTERY

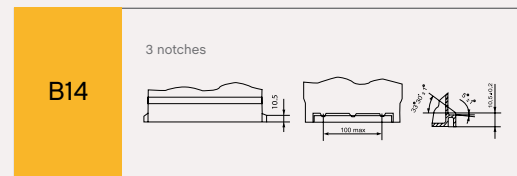
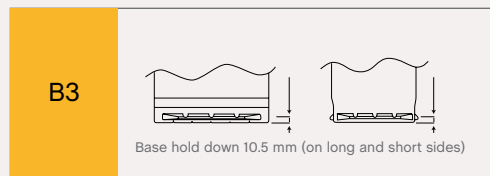
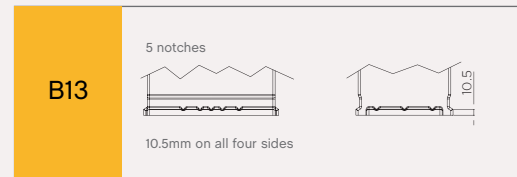
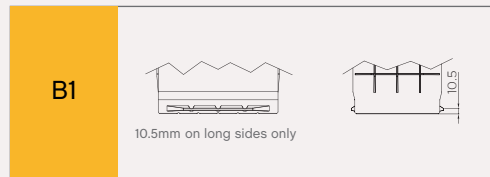
LAYOUT | MONTAJ ŞEKLİ



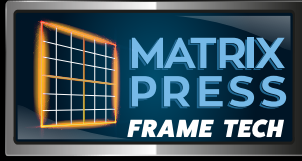
TERMINAL | KUTUP BAŞI

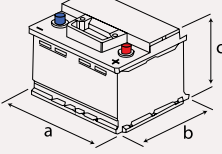
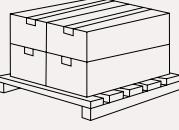
Terminal	A (Standart)	B (Small)	Stud	Dual
Positive			 3/8"-16 Thread	
Negative			 3/8"-16 Thread	

HOLD DOWN | PERVAZ

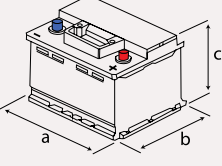


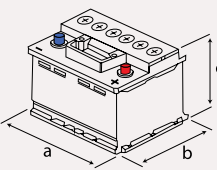
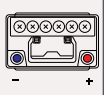
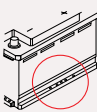
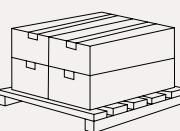
For B0 there is no Hold-Down



Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity (min.)								
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)	Layout Montaj Şekli	Hold Down Pervaz	Terminal Kutup Başı	Truck Kamyon	Container Konteyner
SMF-40B19FL	B19	N/A	B19 / NS40	35	260	280	52	197	129	227	0	B01	B	116	174
SMF-40B19FR		N/A	B19 / NS40	35	260	280	52	197	129	227	1	B01	B	116	174
SMF-40B19LS		N/A	B19 / NS40	35	260	280	52	197	129	227	0	B0	A	116	174
SMF-40B19RS		N/A	B19 / NS40	35	260	280	52	197	129	227	1	B0	A	116	174
SMF-40B19L		N/A	B19 / NS40	35	260	280	52	197	129	227	0	B0	B	116	174
SMF-40B19R		N/A	B19 / NS40	35	260	280	52	197	129	227	1	B0	B	116	174
SMF-42B19L		N/A	B19 / NS40	40	310	330	61	197	129	227	0	B0	B	116	174
SMF-42B19R		N/A	B19 / NS40	40	310	330	61	197	129	227	1	B0	B	116	174
SMF-42B19RS		N/A	B19 / NS40	40	310	330	61	197	129	227	1	B0	A	116	174
SMF-42B19FL		N/A	B19 / NS40	40	310	330	61	197	129	227	0	B01	B	116	174
SMF-42B19FR		N/A	B19 / NS40	40	310	330	61	197	129	227	1	B01	B	116	174
SMF-50B24FLS	B24	51	B24 / NS60	45	400	430	70	232	129	227	0	B01	A	84	126
SMF-50B24FRS		51	B24 / NS60	45	400	430	70	232	129	227	1	B01	A	84	126
SMF-50B24LS		51	B24 / NS60	45	400	430	70	232	129	227	0	B0	A	84	126
SMF-50B24RS		51	B24 / NS60	45	400	430	70	232	129	227	1	B0	A	84	126
SMF-50B24L		51	B24 / NS60	45	400	430	70	232	129	227	0	B0	B	84	126
SMF-50B24R		51	B24 / NS60	45	400	430	70	232	129	227	1	B0	B	84	126
SMF-50B24FL		51	B24 / NS60	45	400	430	70	232	129	227	0	B01	B	84	126
SMF-50B24FR		51	B24 / NS60	45	400	430	70	232	129	227	1	B01	B	84	126
SMF-55B24LS		51	B24 / NS60	50	450	480	79	232	129	227	0	B0	A	84	126
SMF-55B24RS		51	B24 / NS60	50	450	480	79	232	129	227	1	B0	A	84	126
SMF-55B24L		51	B24 / NS60	50	450	480	79	232	129	227	0	B0	B	84	126
SMF-55B24FLS		51	B24 / NS60	50	450	480	79	232	129	227	0	B01	A	84	126
SMF-55B24FRS		51	B24 / NS60	50	450	480	79	232	129	227	1	B01	A	84	126
SMF-55D23L	D23	35	D23	60	520	550	98	222	165	220	0	B0	A	64	96
SMF-55D23R		25	D23	60	520	550	98	222	165	220	1	B0	A	64	96
SMF-75D23L		35	D23	65	560	600	108	222	165	220	0	B0	A	64	96
SMF-75D23R		25	D23	65	560	600	108	222	165	220	1	B0	A	64	96
SMF-48D26FL	D26	24	D26 / N50	50	410	440	79	260	180	220	0	B01	A	64	96
SMF-48D26FR		24	D26 / N50	50	410	440	79	260	180	220	1	B01	A	64	96
SMF-55D26L		24	D26 / N50	60	520	550	98	260	180	220	0	B0	A	64	96
SMF-55D26R		24	D26 / N50	60	520	550	98	260	180	220	1	B0	A	64	96
SMF-75D26L		24	D26 / N50	65	560	600	108	260	180	220	0	B0	A	64	96
SMF-75D26R		24	D26 / N50	65	560	600	108	260	180	220	1	B0	A	64	96
SMF-80D26L		24	D26 / N50	70	600	640	118	260	180	220	0	B0	A	64	96
SMF-80D26R		24	D26 / N50	70	600	640	118	260	180	220	1	B0	A	64	96
SMF-65D31FL	D31	27	D31 / N70	70	540	580	118	303	177	222	0	B01	A	48	72
SMF-65D31FR		27	D31 / N70	70	540	580	118	303	177	222	1	B01	A	48	72
SMF-95D31FL		27	D31 / N70	80	580	620	138	303	177	222	0	B01	A	48	72
SMF-95D31FR		27	D31 / N70	80	580	620	138	303	177	222	1	B01	A	48	72
SMF-105D31FL		27	D31 / N70	90	700	750	158	303	177	222	0	B01	A	48	72
SMF-105D31FR		27	D31 / N70	90	700	750	158	303	177	222	1	B01	A	48	72
SMF-115D31FL		27	D31 / N70	100	750	810	179	303	177	222	0	B01	A	48	72
SMF-115D31FR		27	D31 / N70	100	750	810	179	303	177	222	1	B01	A	48	72

DIN TYPE SMF European Type Sealed Maintenance Free

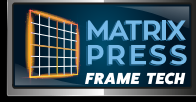
Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity									
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)	Layout Montaj Şekli	Hold Down Pervaz	Terminal Kutup Başı	Truck Kamyon	Container Konteyner	
SMF-53646	LB1	99	LB1	36	280	300	54	207	175	175	0	B13	A	80	120	
SMF-54321		99	LB1	45	380	400	70	207	175	175	0	B13	A	80	120	
SMF-54322		99	LB1	45	380	400	70	207	175	175	1	B13	A	80	120	
SMF-54017	L1	26	L1	40	330	350	61	207	175	190	0	B13	A	80	120	
SMF-54459		26	L1	45	380	400	70	207	175	190	0	B13	A	80	120	
SMF-54464		26	L1	45	380	400	70	207	175	190	1	B13	A	80	120	
SMF-55054		26	L1	50	430	460	79	207	175	190	0	B13	A	80	120	
SMF-55046	LB2	42	LB2	50	430	460	79	242	175	175	0	B13	A	64	96	
SMF-55427		42	LB2	55	480	500	88	242	175	175	0	B13	A	64	96	
SMF-55459		42	LB2	55	480	500	88	242	175	175	1	B13	A	64	96	
SMF-55559	L2	47	L2	55	480	500	88	242	175	190	0	B13	A	64	96	
SMF-55565		47	L2	55	480	500	88	242	175	190	1	B13	A	64	96	
SMF-56019		47	L2	60	540	580	98	242	175	190	0	B13	A	64	96	
SMF-56020		47	L2	60	540	580	98	242	175	190	1	B13	A	64	96	
SMF-56219		47	L2	62	580	620	102	242	175	190	0	B13	A	64	96	
SMF-56220		47	L2	62	580	620	102	242	175	190	1	B13	A	64	96	
SMF-565XX		47	L2 TAXI	65	580	620	108	242	175	190	0	B13	A	64	96	
SMF-56318		48	LB3	63	540	580	104	275	175	175	0	B13	A	52	78	
SMF-56828	LB3	48	LB3	66	580	620	110	275	175	175	0	B13	A	52	78	
SMF-56821		48	LB3	66	580	620	110	275	175	175	1	B13	A	52	78	
SMF-57113	L3	48	LB3	70	620	650	118	275	175	175	0	B13	A	52	78	
SMF-56638		41	L3	66	580	620	110	275	175	190	0	B13	A	52	78	
SMF-56633		41	L3	66	580	620	110	275	175	190	1	B13	A	52	78	
SMF-57220		41	L3	70	620	650	118	275	175	190	0	B13	A	52	78	
SMF-57219		41	L3	70	620	650	118	275	175	190	1	B13	A	52	78	
SMF-57412		41	L3	75	660	710	128	275	175	190	0	B13	A	52	78	
SMF-57413		41	L3	75	660	710	128	275	175	190	1	B13	A	52	78	
SMF-57539	LB4	92	LB4	75	660	710	128	313	175	175	0	B13	A	48	72	
SMF-58043	L4	43/94	L4	80	700	750	138	313	175	190	0	B13	A	48	72	
SMF-58515	LB5	93	LB5	85	720	770	148	353	175	175	0	B13	A	48	72	
SMF-58827	L5	49	L5	88	740	790	154	353	175	190	0	B13	A	48	72	
SMF-58821		49	L5	88	740	790	154	353	175	190	1	B13	A	48	72	
SMF-59518		49	L5	95	820	880	169	353	175	190	0	B13	A	48	72	
SMF-60038		49	L5	100	900	970	179	353	175	190	0	B13	A	48	72	

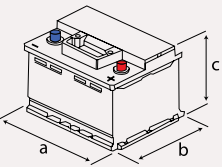
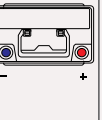
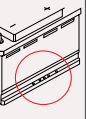
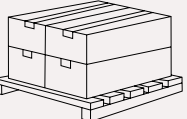
Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity								
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)			Terminal Kutup Başı	Truck Kamyon	Container Konteyner
MF-53646	LB1	99	LB1	36	280	300	54	207	175	175	0	B13	A	80	120
MF-54321		99	LB1	44	380	400	70	207	175	175	0	B13	A	80	120
MF-54322		99	LB1	44	380	400	70	207	175	175	1	B13	A	80	120
MF-54017	L1	26	L1	40	330	350	61	207	175	190	0	B13	A	80	120
MF-54459		26	L1	45	380	400	70	207	175	190	0	B13	A	80	120
MF-54464		26	L1	45	380	400	70	207	175	190	1	B13	A	80	120
MF-55054		26	L1	50	430	460	79	207	175	190	0	B13	A	80	120
MF-55046	LB2	42	LB2	50	430	460	79	242	175	175	0	B13	A	64	96
MF-55427		42	LB2	55	480	500	88	242	175	175	0	B13	A	64	96
MF-55459		42	LB2	55	480	500	88	242	175	175	1	B13	A	64	96
MF-55559	L2	47	L2	55	480	500	88	242	175	190	0	B13	A	64	96
MF-55565		47	L2	55	480	500	88	242	175	190	1	B13	A	64	96
MF-56019		47	L2	60	540	580	98	242	175	190	0	B13	A	64	96
MF-56020		47	L2	60	540	580	98	242	175	190	1	B13	A	64	96
MF-56318	LB3	48	LB3	63	540	580	104	275	175	175	0	B13	A	52	78
MF-56828		48	LB3	66	580	620	114	275	175	175	0	B13	A	52	78
MF-56821		48	LB3	66	580	620	114	275	175	175	1	B13	A	52	78
MF-57113		48	LB3	70	620	650	122	275	175	175	0	B13	A	52	78
MF-56638	L3	41	L3	66	580	620	110	275	175	190	0	B13	A	52	78
MF-56633		41	L3	66	580	620	110	275	175	190	1	B13	A	52	78
MF-57220		41	L3	70	620	650	122	275	175	190	0	B13	A	52	78
MF-57219		41	L3	70	620	650	122	275	175	190	1	B13	A	52	78
MF-57412		41	L3	75	660	710	126	275	175	190	0	B13	A	52	78
MF-57413		41	L3	75	660	710	126	275	175	190	1	B13	A	52	78
MF-57539	LB4	92	LB4	75	660	710	128	313	175	175	0	B13	A	48	72
MF-58043	L4	43/94	L4	80	700	750	138	313	175	190	0	B13	A	48	72
MF-58515	LB5	93	LB5	85	720	770	148	353	175	175	0	B13	A	48	72
MF-58827	L5	49	L5	88	740	790	154	353	175	190	0	B13	A	48	72
MF-58821		49	L5	88	740	790	154	353	175	190	1	B13	A	48	72
MF-59218		49	L5	95	820	880	163	353	175	190	0	B13	A	48	72
MF-60038		49	L5	100	900	970	179	353	175	190	0	B13	A	48	72



DIN TYPE MF European Type Maintenance Free

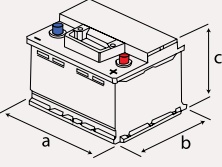
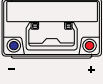
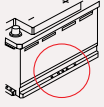
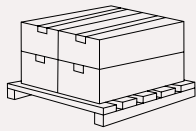
EFB TYPE SMF Start-Stop Technology



Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity								
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)				Truck Kamyon	Container Konteyner
EFB-47560	L2	47	L2	60	560	600	68	242	175	190	0/1	B13	A	64	96
EFB-48650	LB3	48	LB3	65	650	700	108	275	175	175	0/1	B13	A	52	78
EFB-41680	L3	41	L3	70	680	730	118	275	175	190	0/1	B13	A	52	78
EFB-92730	LB4	92	LB4	75	730	785	128	313	175	175	0/1	B13	A	48	72
EFB-43750	L4	43/94	L4	80	750	800	138	313	175	190	0/1	B13	A	48	72
EFB-49830	L5	49	L5	90	830	890	158	353	175	190	0/1	B13	A	48	72
EFB-49920	L5	49	L5	100	920	980	179	353	175	190	0/1	B13	A	48	72
EFB-Q85T	D23	35/25	D23	65	620	660	108	222	178	220	0/1	B01	A	64	96
EFB-S95T	D26	24	S95	70	680	730	118	260	173	225	0/1	B0	A	64	96
EFB-T110T	D31	27	T110	95	760	810	169	306	173	225	0/1	B0	A	48	72





Codes Kod	Type	BCI Type	Box Type Kutu Tipi	CCA SAE (0°F)	Reserve Capacity								
						Lenght Boy (a)	Width En (b)	Height Yükseklik (c)				Truck Kamyon	Container Konteyner
BC131	31	30H	BC131	630	130	330	172	242	18	B0	TOP	48	72
BC131	31	30H	BC131	700	150	330	172	242	18	B0	TOP	48	72
BC131	31	30H	BC131	750	160	330	172	242	18	B0	TOP	48	72
BC131	31	30H	BC131	800	170	330	172	242	18	B0	TOP	48	72
BC131	31	30H	BC131	850	180	330	172	242	18	B0	TOP	48	72
BC131	31	31S	BC131	630	140	330	172	242	18	B0	STUD	48	72
BC131	31	31S	BC131	700	150	330	172	242	18	B0	STUD	48	72
BC131	31	31S	BC131	750	160	330	172	242	18	B0	STUD	48	72
BC131	31	31S	BC131	800	170	330	172	242	18	B0	STUD	48	72
BC131	31	31M	BC131	800	170	330	172	242	18	B0	DUAL	48	72
BC131	31	31M	BC131	850	180	330	172	242	18	B0	DUAL	48	72

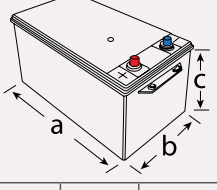
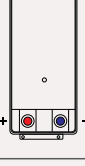
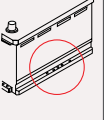
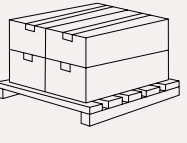
HEAVY DUTY BCI



Heavy Duty
Batteries Sealed
Maintenance Free

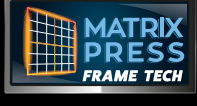
HEAVY DUTY TYPE SMF

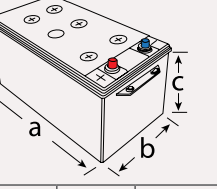
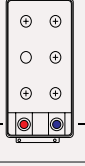
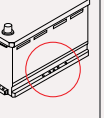
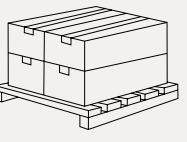


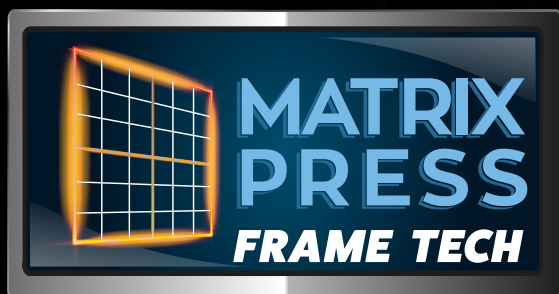
Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity								
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)				Truck Kamyon	Container Konteyner
	H3-90	29H	H3	90	640	690	158	325	175	227	0	B03	A	48	72
SMF-62034	N120	N/A	D4/A	120	860	920	223	513	189	223	3	B03	A	28	42
SMF-63530	N135	N/A	D4/A	135	920	990	256	513	189	223	3	B03	A	28	42
SMF-64317	N143	4D	D5/B	143	970	1040	274	513	222	223	3	B0	A	24	36
SMF-65017	N150	4D	D5/B	150	1000	1100	290	513	222	223	3	B0	A	24	36
SMF-66514	N165	4D	D5/B	165	1100	1200	324	513	222	223	3	B0	A	24	36
SMF-68032	N180	4D	D5/B	180	1150	1230	360	513	222	223	3	B0	A	24	36
SMF-70027	N200	8D	D6/C	200	1200	1300	407	515	275	240	3	B0	A	20	30
SMF-70029	N200	8D	D6/C	200	1200	1300	407	515	275	240	4	B0	A	20	30
SMF-72511	N225	8D	D6/C	225	1300	1400	468	515	275	240	3	B0	A	20	30
SMF-74050	N240	8D	D6/C	240	1350	1450	505	515	275	240	3	B0	A	20	30

Heavy Duty
Batteries
Maintenance Free

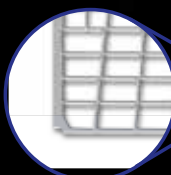
HEAVY DUTY TYPE MF



Codes Kod	Type	BCI Type	Box Type Kutu Tipi	Ah	CCA EN (-18 °C)	CCA SAE (0 °F)	Reserve Capacity								
								Lenght Boy (a)	Widht En (b)	Height Yükseklik (c)				Truck Kamyon	Container Konteyner
MF-61028	L077	N/A	H4	110	750	810	201	344	174	223	0	B03	A	48	72
MF-62047	L077	N/A	H4	120	800	860	223	344	174	223	0	B03	A	48	72
MF-62034	N120	N/A	D4/A	120	860	920	223	513	189	223	3	B03	A	28	42
MF-63530	N135	N/A	D4/A	135	920	990	256	513	189	223	3	B03	A	28	42
MF-64317	N143	4D	D5/B	143	970	1040	274	513	222	223	3	B0	A	24	36
MF-65017	N150	4D	D5/B	150	1000	1100	290	513	222	223	3	B0	A	24	36
MF-66514	N165	4D	D5/B	165	1100	1200	324	513	222	223	3	B0	A	24	36
MF-68032	N180	4D	D5/B	180	1150	1230	360	513	222	223	3	B0	A	24	36
MF-70027	N200	8D	D6/C	190	1200	1300	383	515	275	240	3	B0	A	20	30
MF-70029	N200	8D	D6/C	190	1200	1300	383	515	275	240	4	B0	A	20	30
MF-72511	N225	8D	D6/C	225	1300	1400	468	515	275	240	3	B0	A	20	30
MF-74050	N240	8D	D6/C	240	1350	1450	505	515	275	240	3	B0	A	20	30



Hit The Road



NO SHORT CIRCUIT, THANKS TO MATRIX PRESS
Short circuit resulting from bended corners which puncture envelopes. Prevented by MATRIX PRESS technology solid frame.



NO GRID GROWTH, THANKS TO MATRIX PRESS
Grid growth resulting from overheat, overcharge, etc. prevented by MATRIX PRESS Technology.



HIGH MECHANICAL STRENGTH
Thanks to MATRIX PRESS technology providing extra strenght with the help of special alloy and special grid design.



EMPOWERED BATTERY PERFORMANCE & DURABILITY
Reinforced frame and stout wire design beneath the lug, empowers the battery performance and result durability.



EXTRA RESISTANCE AGAINST VIBRATION WITH SPECIAL STRAP DESIGN.
Super Vibration Proof ability available on request. Where cells are fitted with special fixers to resist sharp bumps and continious vibration.

MATRIX PRESS is the latest and continuous process in plate production technology. MATRIX PRESS technology provides the best quality product comparing to all other production methods. MATRIX PRESS products are calcium calcium, absolute maintenance free and has long life with deep cycle abilities.



SUPERIORITIES OF MATRIX PRESS TECHNOLOGY

%78 MORE RESISTANT TO CORROSION



Cold Rolling in MATRIX PRESS provides corrosion resistant grains, while hot casting positive grids are very open to corrosion.

SENSITIVITY: 0,001 mm



Cold Rolling in MATRIX PRESS provides excellent thickness stability of the grid (+/-0,001mm)

99,99 % SOLID



Special design of MATRIX PRESS avoids micro cracks in grid wires.

STRONG ADHESION



2 times better adhesion between grid and active material compare to previous generation products, thanks to speacial MATRIX PRESS surface treatment system.



Abdulkadir Özcan Group of Companies (AKO) is the leading unique group of the sectors, having factories with high technology in Lead Acid Battery Production, Tire and Rims(Wheels), providing industrial and technologic power of the group to competition advantages and commercial earnings for the network of customers.

With “TURBO” and “AKO” brands in Lead Acid Starter Battery Industry, the factory is considered as one of the best facilities with the highest automation in Europe, while the best in Turkey. Using “Expanded Metal” and “Punch System” in production of Lead-Calcium absolute maintenance-free batteries in all ranges. AKO Battery Factory is planned as a huge complex for future’s one of the biggest battery factory in Europe.



TURBO
BATTERY



TURBO
BATTERY