

YALCIN

Premium
AKÜ

1984



*Reliable
Power*

www.yalcinaku.com.tr • www.hepsiaku.com

YALÇIN AKÜ
Türkiye

Hakkımızda

YALÇIN AKÜ, 1984 yılında Ankara'da kurulmuş olup YALÇIN AKÜ markalı kurşun-asit akümülatörlerin üretimi, geliştirilmesi, satışı ve satış sonrası hizmeti konusunda uzman firma olarak çalışmaktadır.

YALÇIN AKÜ esas olarak Starter (marş basma) aküleri ile yola çıkmış, ilerleyen yıllarla gerek müşterilerin aynı kalitede yeni teknolojiye olan talebi, gerekse bizim yeni girişimlerimizle sunduğumuz daha iyi hizmet anlayışı ile ürün yelpazemiz endüstriyel akü konusunda da geliştirilmiştir. Kırıkkale Organize Sanayi Bölgesi'nde bulunan üretim tesisimizde bugün starter akülerin yanı sıra kurşun-asit endüstriyel akülerin üretimi ve geliştirilmesi de gerçekleştirilmektedir.

Üretim konusunda müşteri memnuniyetinin temeli sunulan kaliteye dayanır ve YALÇIN AKÜ de sahip olduğu TSE (Türk standartları Enstitüsü), ISO 9001, ISO 14001, ISO 16949 ve CE (Certification of Europe) ile ilke edindiği kaliteden ödün vermeme görevini sürdürmektedir. Nitelikli elemanları, uzmanları ve her geçen gün artan çalışan sayısı ile güvenilirliğini sürekli arttırmaktadır.

YALÇIN, GOLD, PLUSPOWER, POWERFUL ve **EUROGOLD** markaları ile hem yurt içi hem de yurt dışında geniş müşteri potansiyeli ile çalışmalarına devam etmektedir.

"DOST GÜÇ (Friendly Power)" anlayışı ile hem çevre hem müşteri dostu olup önce sizleri düşünerek yürüttüğü hassas çalışmaları ve profesyonel kadrosu ile YALÇIN AKÜ sektöründe öncü adımlara sahip olma yolunda hızla ilerlemektedir.

About us

Yalcin Aku was founded in Ankara in 1984 as a family business and is being managed by the third generation of family members for the time being and specializes in manufacturing, sales and after sales services of the lead acid batteries.

Our journey started with producing starter batteries and industrial batteries were added to our portfolio through advances in technology and changes arising in customer demands.

We are monitoring and adapting the latest production technologies along with sustaining Research & Development activities to receive better daily outputs in all aspects of production processes.

Yalcin holds TSE (Turkish Standards Institution), ISO 9001, ISO 14001, ISO 16949 and CE (Certification of Europe) furthermore it pays a great importance to the self improvement of each team member and encourages them to do their best in the work environment.

YALCIN , GOLD, PLUSPOWER, POWERFUL and **EUROGOLD** are the brands, representing Yalcin Aku in the national and international markets.

Our Mission is to produce the best quality eco-friendly energy storage products through adopting 'Friendly Power' principle.

Our Vision is to become among the most third preferred Turkish producers and increase our global presence by 40 % by 2024.

SUPER MAINTENANCE FREE SERIES (Without Plugs)



DIN SERIES (Batteries For European Cars / Avrupa Serisi)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
L1	SMF45L1-0	45	410	207	175	190	R+ / 0	A	B13
L1B	SMF45L1B-0	45	410	207	175	175	R+ / 0	A	B13
L1	SMF50L1-0	50	450	207	175	190	R+ / 0	A	B13
L1B	SMF50L1B-0	50	450	207	175	175	R+ / 0	A	B13
L2	SMF50L2-0	50	450	242	175	190	R+ / 0	A	B13
L2B	SMF50L2B-0	50	450	242	175	175	R+ / 0	A	B13
L2	SMF55L2-0	55	510	242	175	190	R+ / 0	A	B13
L2B	SMF55L2B-0	55	510	242	175	175	R+ / 0	A	B13
L2	SMF60L2-0	60	540	242	175	190	R+ / 0	A	B13
L2B	SMF60L2B-0	60	540	242	175	175	R+ / 0	A	B13
L2	SMF62L2-0	62	550	242	175	190	R+ / 0	A	B13
L2B	SMF62L2B-0	62	550	242	175	175	R+ / 0	A	B13
L3	SMF66L3-0	66	600	278	175	190	R+ / 0	A	B13
L3B	SMF66L3B-0	66	600	278	175	175	R+ / 0	A	B13
L3	SMF72L3-0	72	640	278	175	190	R+ / 0	A	B13
L3B	SMF72L3B-0	72	640	278	175	175	R+ / 0	A	B13
L3	SMF75L3-0	75	660	278	175	190	R+ / 0	A	B13
L3B	SMF75L3B-0	75	660	278	175	175	R+ / 0	A	B13
L4	SMF80L4-0	80	700	315	175	190	R+ / 0	A	B13
L4B	SMF80L4B-0	80	700	315	175	175	R+ / 0	A	B13
L5	SMF88L5-0	88	740	353	175	190	R+ / 0	A	B13
L5B	SMF88L5B-0	88	740	353	175	175	R+ / 0	A	B13
L5	SMF100L5-0	100	840	353	175	190	R+ / 0	A	B13
L5B	SMF100L5B-0	100	840	353	175	175	R+ / 0	A	B13
L5	SMF110L5-0	110	860	353	175	190	R+ / 0	A	B13

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE



JIS SERIES (Batteries For Japanese Cars / Japon Serisi)

BOX	YALCIN CODE	NEW JIS CODE	OLD JIS CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
						LENGHT	WIDTH	HEIGHT			
NS40	SMF35NS40B-0	40B19L	NS40ZL	35	320	196	125	225	R+ / 0	B	B00
NS40	SMF35NS40-0	40B19LS	NS40ZLS	35	320	196	125	225	R+ / 0	A	B00
NS60	SMF40NS60-0	N/A	N40L	40	360	237	127	224	R+ / 0	A	B00
NS60	SMF45NS60B-0	50B24L	NS60L	45	400	237	127	224	R+ / 0	B	B00
NS60	SMF45NS60-0	50B24LS	NS60LS	45	400	237	127	224	R+ / 0	A	B00
N50	SMF50N50-0	48D26L	N50L	50	450	253	170	225	R+ / 0	A	B00
D23	SMF55D23-0	N/A	N/A	55	510	230	170	225	R+ / 0	A	B00
NS60	SMF60NS60-0	N/A	N/A	60	510	237	127	224	R+ / 0	A	B00
N50	SMF60N50-0	55D26L	N50ZL	60	540	253	170	225	R+ / 0	A	B00
D23	SMF60D23-0	55D23L	55D23L	60	540	230	170	225	R+ / 0	A	B00
N50	SMF70N50-0	80D26L	NX110-5L	70	620	253	170	225	R+ / 0	A	B00
N70	SMF70N70-0	65D31L	N70L	70	620	305	175	222	R+ / 0	A	B00
N70	SMF75N70-0	75D31L	N70ZL	75	640	305	175	222	R+ / 0	A	B00
N70	SMF80N70-0	95D31L	NX110-7L	80	700	305	175	222	R+ / 0	A	B00
N70	SMF90N70-0	105D31L	105D31L	90	720	305	175	222	R+ / 0	A	B00
GR31	SMF100GR31-0	N/A	N/A	100	820	345	173	230	R+ / 0	A	B00
GR31	SMF110GR31-0	N/A	N/A	110	840	345	173	230	R+ / 0	A	B00
GR31	SMF115GR31-0	N/A	N/A	115	850	345	173	230	R+ / 0	A	B00

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE

B: THIN TERMINAL TYPE

A-B-C SERIES (Heavy Duty Batteries / Ağır Hizmet)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGHT	WIDTH	HEIGHT			
A	SMF120A-3	120	850	513	189	223	3	A	B00
A	SMF135A-3	135	900	513	189	223	3	A	B00
B	SMF150B-3	150	1000	510	218	235	3	A	B00
B	SMF165B-3	165	1050	510	218	235	3	A	B00
B	SMF170B-3	170	1100	510	218	235	3	A	B00
B	SMF180B-3	180	1150	510	218	235	3	A	B00
B	SMF190B-3	190	1200	510	218	235	3	A	B00
C	SMF200C-3	200	1250	518	276	245	3	A	B00
C	SMF225C-3	225	1350	518	276	245	3	A	B00
C	SMF240C-3	240	1400	518	276	245	3	A	B00

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE

MAINTENANCE FREE SERIES (With Plugs)



DIN SERIES (Batteries For European Cars / Avrupa Serisi)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
L1	45L1-0	45	410	207	175	190	R+ / 0	A	B13
L1B	45L1B-0	45	410	207	175	175	R+ / 0	A	B13
L1	50L1-0	50	450	207	175	190	R+ / 0	A	B13
L1B	50L1B-0	50	450	207	175	175	R+ / 0	A	B13
L2	50L2-0	50	450	242	175	190	R+ / 0	A	B13
L2B	50L2B-0	50	450	242	175	175	R+ / 0	A	B13
L2	55L2-0	55	510	242	175	190	R+ / 0	A	B13
L2B	55L2B-0	55	510	242	175	175	R+ / 0	A	B13
L2	60L2-0	60	540	242	175	190	R+ / 0	A	B13
L2B	60L2B-0	60	540	242	175	175	R+ / 0	A	B13
L2	62L2-0	62	550	242	175	190	R+ / 0	A	B13
L2B	62L2B-0	62	550	242	175	175	R+ / 0	A	B13
L3	66L3-0	66	600	278	175	190	R+ / 0	A	B13
L3B	66L3B-0	66	600	278	175	175	R+ / 0	A	B13
L3	72L3-0	72	640	278	175	190	R+ / 0	A	B13
L3B	72L3B-0	72	640	278	175	175	R+ / 0	A	B13
L3	75L3-0	75	660	278	175	190	R+ / 0	A	B13
L3B	75L3B-0	75	660	278	175	175	R+ / 0	A	B13
L4	80L4-0	80	700	315	175	190	R+ / 0	A	B13
L4B	80L4B-0	80	700	315	175	175	R+ / 0	A	B13
L5	88L5-0	88	730	353	175	190	R+ / 0	A	B13
L5B	88L5B-0	88	730	353	175	175	R+ / 0	A	B13
L5	100L5-0	100	840	353	175	190	R+ / 0	A	B13
L5B	100L5B-0	100	840	353	175	190	R+ / 0	A	B13
L5	110L5-0	110	860	353	175	190	R+ / 0	A	B13

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE



JIS SERIES (Light Truck Batteries / Hafif Ticari)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
H3	MF90H3-0	90	740	324	175	226	R+ / 0	A	B03
H3	MF100H3-0	100	780	324	175	226	R+ / 0	A	B03
H4	MF105H4-0	105	820	343	173	235	R+ / 0	A	B03
D2	MF105D2-0	105	820	356	173	235	R+ / 0	A	B01
H4	MF110H4-0	110	850	343	173	235	R+ / 0	A	B03
D2	MF110D2-0	110	850	356	173	235	R+ / 0	A	B01
D2	MF115D2-0	115	880	356	173	235	R+ / 0	A	B01

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE

A-B-C SERIES (Heavy Duty Batteries / Ağır Hizmet)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
D4	MF120D4-3	120	900	513	189	223	3	A	B03
D3	MF128D3-0	128	900	358	175	280	R+ / 0	A	B01
D4	MF135D4-3	135	920	513	189	223	3	A	B03
D5	MF150D5-3	150	1000	510	218	235	3	A	B03
D5	MF165D5-3	165	1100	510	218	235	3	A	B03
D5	MF180D5-3	180	1150	510	218	235	3	A	B03
D5	MF190D5-3	190	1200	510	218	235	3	A	B03
D6	MF200D6-3	200	1250	518	276	245	3	A	B00
D6	MF225D6-3	225	1350	518	276	245	3	A	B00
D6	MF240D6-3	240	1400	518	276	245	3	A	B00

REVERSE POLARITY IS AVAILABLE FOR ALL TYPES.

A: STANDART TERMINAL TYPE

NATO SERIES



BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
D7NATO	SMF100D7NATO-2	100	780	286	270	230	2	A	B00
D7NATO	SMF125D7NATO-2	125	900	286	270	230	2	A	B00

8

MARINE SERIES



BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGTH	WIDTH	HEIGHT			
A	SMFM135A	135	950	513	189	223	3	A	B03
B	SMFM180B	180	1100	502	218	225	3	A	B00
C	SMFM200C	200	1250	518	276	245	3	A	B00
C	SMFM225C	225	1300	518	276	245	3	A	B00



MOTORCYCLE - ELECTRICAL BIKE

MOTORCYCLE SERIES

CODE	Voltage, V	Capacity (C10) Ah	CCA @ -18°C	Diemension mm(±2mm)			Terminal	Weight (with acid), kg	Charging current, A
				L	W	H			
YTX5L-BS	12	5	90	113	70	105	A	2,02	0,5
12N5L-BS	12	5	70	119	59	130	B	1,89	0,5
12N6.5L-BS	12	6.5	85	139	66	102	A	2,32	0,65
YTX7L-BS	12	7	85	113	70	130	A	2,43	0,7
YTX7A-BS	12	7	90	150	87	93	A	2,50	0,7
YTX9A-BS	12	9	120	150	87	105	B	3,07	0,9
12N9L-BS	12	9	120	135	75	139	B	3,07	0,9
12N12L-BS	12	12	150	150	85	130	B	3,41	1,2
YTX14-BS	12	14	160	150	87	146	B	4,40	1,4

9

ELECTRICAL TOOLS / DISABLED VEHICLES SERIES (DEEP CYCLE)

CODE	TYPE	Nominal Voltage, V	Capacity (C10) 1,80V/cell Ah	Diemension mm(±2mm)			Terminal	Weight (with acid), kg
				L	W	H		
EVPP12014.0	ELECTRICAL TOOLS	12	14	151,5	99,5	97	T15	4,3
EVPP12022.0	ELECTRICAL TOOLS	12	22	181	76,5	170,5	T15	6,8
EVPPA12026.0	ELECTRICAL TOOLS	12	26	181	76,5	170,5	T15	7
EVPP12026.0	DISABLED VEHICLES	12	26	166	175	125	F3 / F13	8,5
EVPP12033.0	DISABLED VEHICLES	12	33	195	130	159	F7 / F11	11
EVPP12040.0	DISABLED VEHICLES	12	40	195.5	166	176	F4 / F11	14
EVPP12055.0	DISABLED VEHICLES	12	55	224	120	175	F11	17



10





EFB BATTERIES (FOR START&STOP CARS)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGHT	WIDTH	HEIGHT			
L2	EFB60L2.0	60	560	242	175	190	R+ / 0	A	B13
L3	EFB72L3.0	72	680	278	175	190	R+ / 0	A	B13
L4	EFB84L4.0	84	750	315	175	190	R+ / 0	A	B13

TAXI BATTERIES (FOR TAXI CARS)



BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGHT	WIDTH	HEIGHT			
L2	TX63L2.0	63	560	242	175	190	R+ / 0	A	B13
L3	TX72L3.0	72	680	278	175	190	R+ / 0	A	B13
D23	TX60D23.0	60	560	230	170	225	R+ / 0	A	B03
N50	TX70N50.0	70	660	253	170	225	R+ / 0	A	B03

11



BCI BATTERIES (FOR AMERICAN CARS)

BOX	YALCIN CODE	CAPACITY (Ah) C20	CCA A(EN)	DIMENSIONS (mm)			LAYOUT	TERMINAL TYPE	HOLD DOWN
				LENGHT	WIDTH	HEIGHT			
24	BCI-GR24	50-80	450-750	257	172	220	R+ / 0	A	B00
65	BCI-GR65	75-85	650-750	294	87	191	R+ / 0	A	B00
31	BCI-GR31	75-110	650-900	330	172	242	R+ / 0	A	B00

VRLA - AGM TİP / VRLA - AGM TYPE



12

	MODEL	VOLT	Ah (20 hrs)	WEIGHT (kg)	DIMENSION (mm)	TERMINAL TYPE
GENERAL PURPOSE STAND BY / AGM						
5 YEARS LIFE	GB04004.0	4	4	0.50	45 x 45 x 100	F1
	GB06001.3	6	1.3	0.30	97 x 24 x 52	F1
	GB06003.2	6	3.2	0.60	134 x 35 x 61	F1
	GB06004.5	6	4.5	0.70	70 x 47 x 101	F1
	GB06005.0	6	5	0.78	70 x 47 x 101	F1
	GB06007.0	6	7.0	1.70	98 x 56 x 118	F1 / F2
	GB06012.0	6	12	1.80	151 x 50 x 95	F1 / F2
	GB12001.3	12	1.3	0.58	97 x 43 x 52	F1
10 YEARS LIFE	GB12002.3	12	2.3	0.90	178 x 35 x 61	F1
	GB12003.2	12	3.2	1.30	134 x 67 x 61	F1
	GB12004.5	12	4.5	1.50	90 x 70 x 101	F1 / F2
	GB12007.0	12	7.0	1.90	151 x 65 x 93	F1
	GB12007.0	12	7.0	2.05	151 x 65 x 93	F1
	GB12007.2	12	7.2	2.15	151 x 65 x 93	F2
	GB12007.5	12	7.5	2.35	151 x 65 x 93	F2
	GB12009.0	12	9.0	2.60	151 x 65 x 93	F2
	GB12012.0	12	12	3.50	151 x 98 x 95	F2
	GB12018.0	12	18	5.00	181 x 77 x 167	F3 / F8
	GB12026.0	12	26	7.90	166 x 175 x 125	F3 / F8
	GB12033.0	12	33	10.00	195 x 130 x 159	F7 / F9
	GB12040.0	12	40	12.60	195 x 166 x 176	F4 / F9
	GB12044.0	12	44	13.70	195 x 166 x 176	F4 / F9
	GB12055.0	12	55	17.00	230 x 138 x 222	F5 / F9
	GB12065.0	12	65	20.00	350 x 165 x 175	F5 / F9
	GB12080.0	12	80	23.00	350 x 165 x 175	F5 / F9
	GB12080.0	12	80	23.50	260 x 168 x 233	F5 / F9
	GB12100.0	12	100	30.00	330 x 173 x 219	F5 / F9
	GB12120.0	12	120	35.00	405 x 172 x 236	F5 / F11
	GB12150.0	12	150	44.00	483 x 170 x 241	F5 / F11
	GB12200.0	12	200	60.00	522 x 240 x 219	F5 / F11

GEL BATTERY SERIES



CODE	VOLT	CAPACITY (Ah) C20	DIEMENSION (L x W x H)	WEIGHT (kg)
GDC12026.0	12	26	166 x 175 x 125	8,5
GDC12033.0	12	33	195 x 130 x 159	10,5
GDC12040.0	12	40	195 x 166 x 176	13,5
GDC12055.0	12	55	195 x 166 x 176	17,5
GDC12065.0	12	65	350 x 167 x 180	21
GDC12080.0	12	80	350 x 167 x 180	24
GDC12100.0	12	100	328 x 172 x 222	31
GDC12115.0	12	115	328 x 172 x 222	34
GDC12120.0	12	120	407 x 177 x 225	36
GDC12150.0	12	150	483 x 170 x 240	45
GDC12200.0	12	200	522 x 240 x 219	60

13

GOLF CAR SERIES (GOLF ARAÇLARI)



CODE	VOLT	CAPACITY (Ah) C20	DIEMENSION (L x W x H)	TYPE
GDC6235.0	6	235	245 x 187 x 276	WET
GDC6285.0	6	285	295 x 177 x 336	WET
GDC6230.0	6	230	260 x 180 x 272	GEL
GDC8170.0	8	170	262 x 182 x 280	GEL
GDC6310.0	6	310	295 x 178 x 348	GEL

TECHNICAL DATA

Layout

0	1	2	3	4

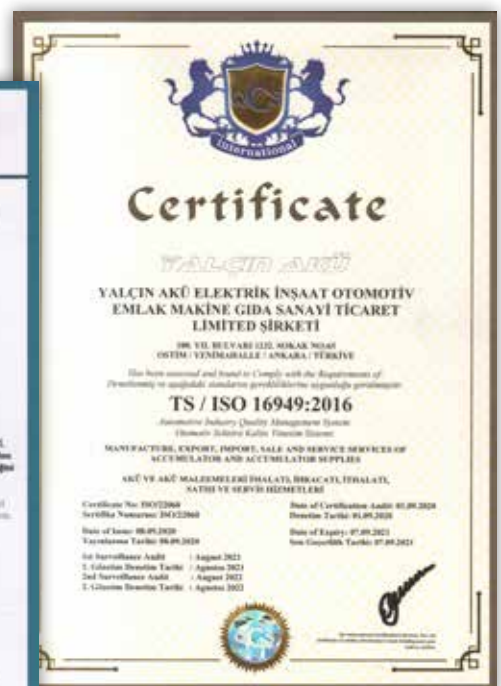
Terminal

	A (Standard)	B (Small)	4F	STUD	TOP POST	SIDE	DUAL FIT
Positive Terminal				 3/8"-16 THREADS			
Negative Terminal				 3/8"-16 THREADS			

Hold-Down

B1	 10.5 mm on long sides only	B3	 Base hold down 10.5 mm (on long and short sides)
B4	 3 notches 19.0 mm on long sides only	B9 (22F)	 slots on long sides, 29.0 mm on short sides
B13	 5 notches 10.5 mm on all four sides like B3	B14	 5 notches 19.0 mm on long sides, 10.5 mm on short sides

SERTİFİKALARIMIZ / CERTIFICATES





Head Office:

100. Yil Bulvari 1232. Sokak No: 65

Ostim - Ankara / TURKEY

Phone: +90 312 354 16 45 - 385 55 60

Fax: +90 312 354 07 97

Service:

100. Yil Bulvari 1232. Sokak No: 57

Ostim - Ankara / TURKEY

Factory:

Kirikkale OSB Kizilirmak Caddesi 4. Sokak No: 6

Yahsihan - Kirikkale / TURKEY

info@yalcinaku.com.tr · www.yalcinaku.com.tr · www.hepsiaku.com