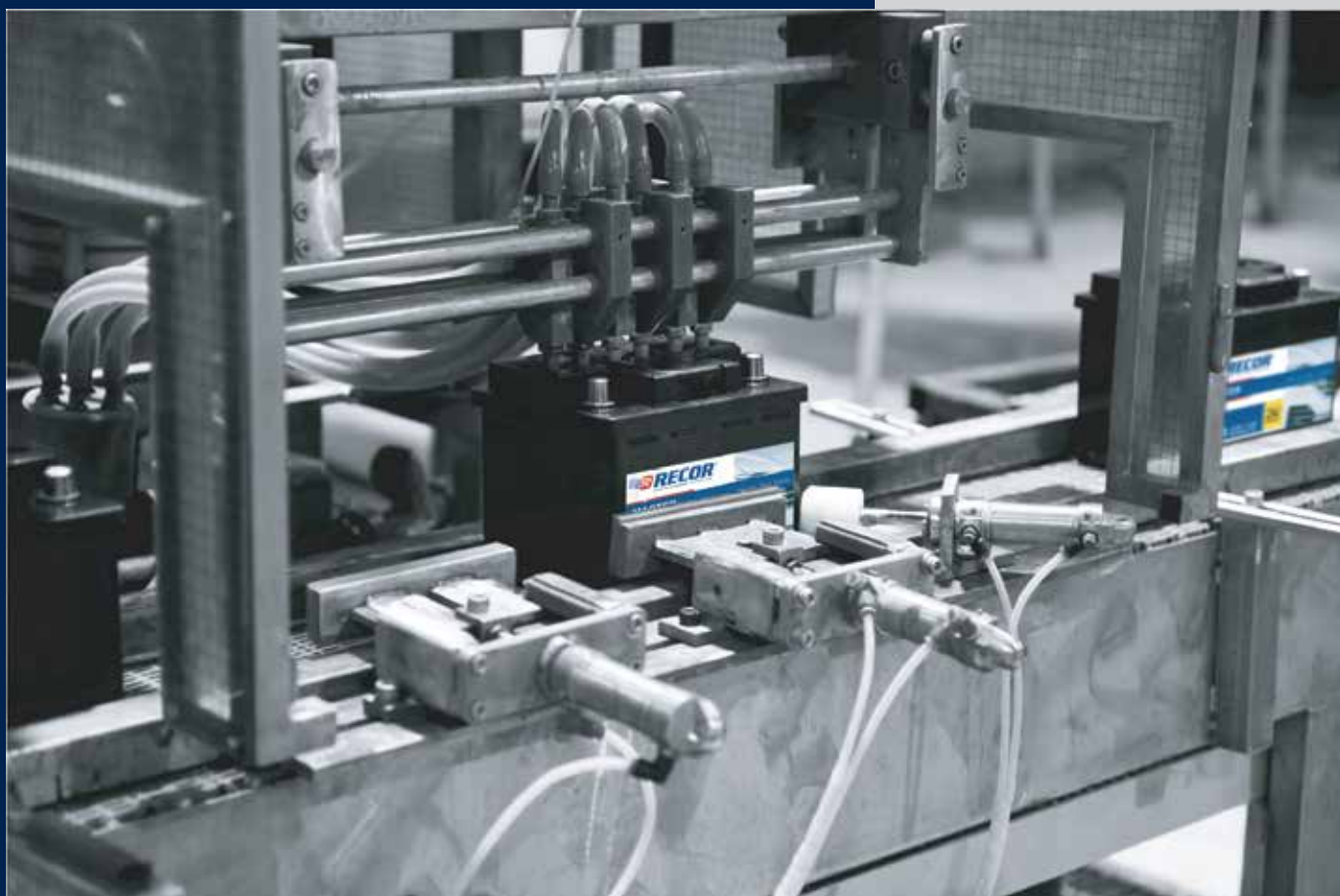
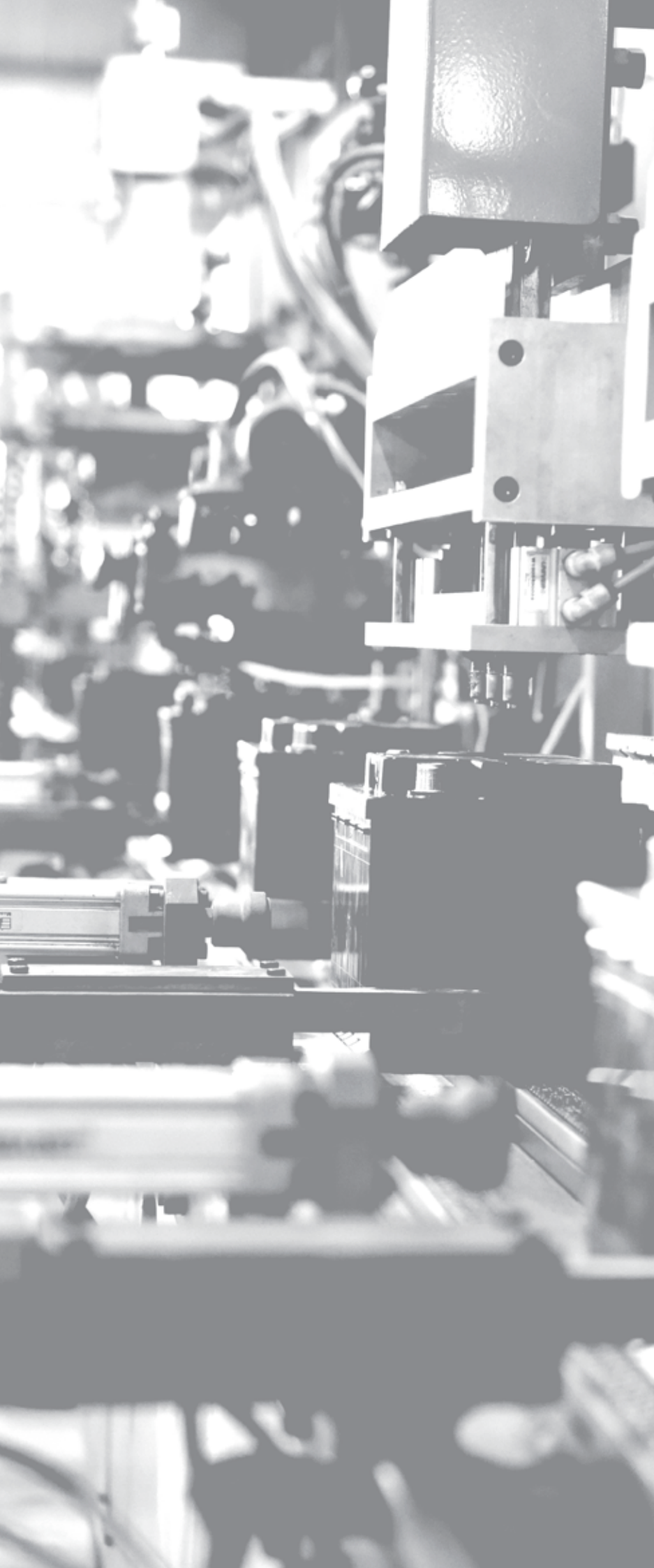




COMPANY PROFILE GENERAL CATALOG

Starting engines around the world





Our Course

1964

Constant Presence

Since 1964, we produce high quality starter batteries, for all types of vehicles.

THE ONLY

Factory in Greece

The sole factory in Greece that produces starter batteries.

LEADING

Position in Greece

In the starter battery market for all types of vehicles

EXPORTS

To 5 continents

Our range of batteries is exported worldwide, to five continents.



Starting Engines around the World

www.recorbatteries.gr

Greek Industry of Accumulators RECOR is a starter batteries manufacturer since 1964. With a production capacity of 500.000 batteries, we export our batteries in 5 continents.

Today, it is the only starter battery factory in Greece and a Business Unit of SAKKOS Automotive.

Utilizing 55+ years of experience of the Sakkos family in the starter battery industry, while at the same time utilizing the most modern technology, our factory manufactures batteries, which start thousands of vehicles, around the world, every day!

European quality, made in Greece. Close to you – Made for you!

500.000
Yearly Production
Capacity

60
Years
Constant Presence

5
Continents Exporting

600+
Wholesalers & Retailers
in Greece

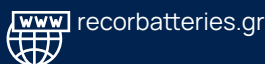


Who we are

We manufacture starter batteries since 1964

The **Greek Industry of Accumulators RECOR**, is the fastest growing company and the sole producer of vehicle starter batteries in Greece.

It was established in 1964 by the SAKKOS family, in Athens and in 1998, following the technological developments in the constantly evolving worldwide market, the company moved its production facility to the city of Komotini, in North Eastern Greece.



Our first logo, 1964

Our vision Added Value Made in Greece

We envision Greece to be included in the countries that have a reliable manufacturer of batteries, and RECOR Batteries to be the partner of choice who provides premium product quality at competitive prices.

Differentiation through selective distribution strategy

We distribute our brands selectively, offering you the advantage to choose your distinctive pricing policy and the opportunity to stand out from the mass competition, with a “made in Europe” brand.

Made in EU

Our customers based in the European Union, by importing our products which are produced in the E.U., can benefit from the intra-EU trading advantages.

Our non-EU customers based in countries participating in free trade agreements with the European Union, by importing our products which are produced in the E.U., benefit by paying reduced import duties, ensured by the EUR1 Certificate which we provide.

At the same time, our products are not subject to any anti-dumping duties in any region.



Taking advantage of six decades of experience in the production of batteries, and our continued presence in the industry since 1964, we produce high-quality batteries that are available in more than 600 locations in Greece and on 5 continents worldwide.

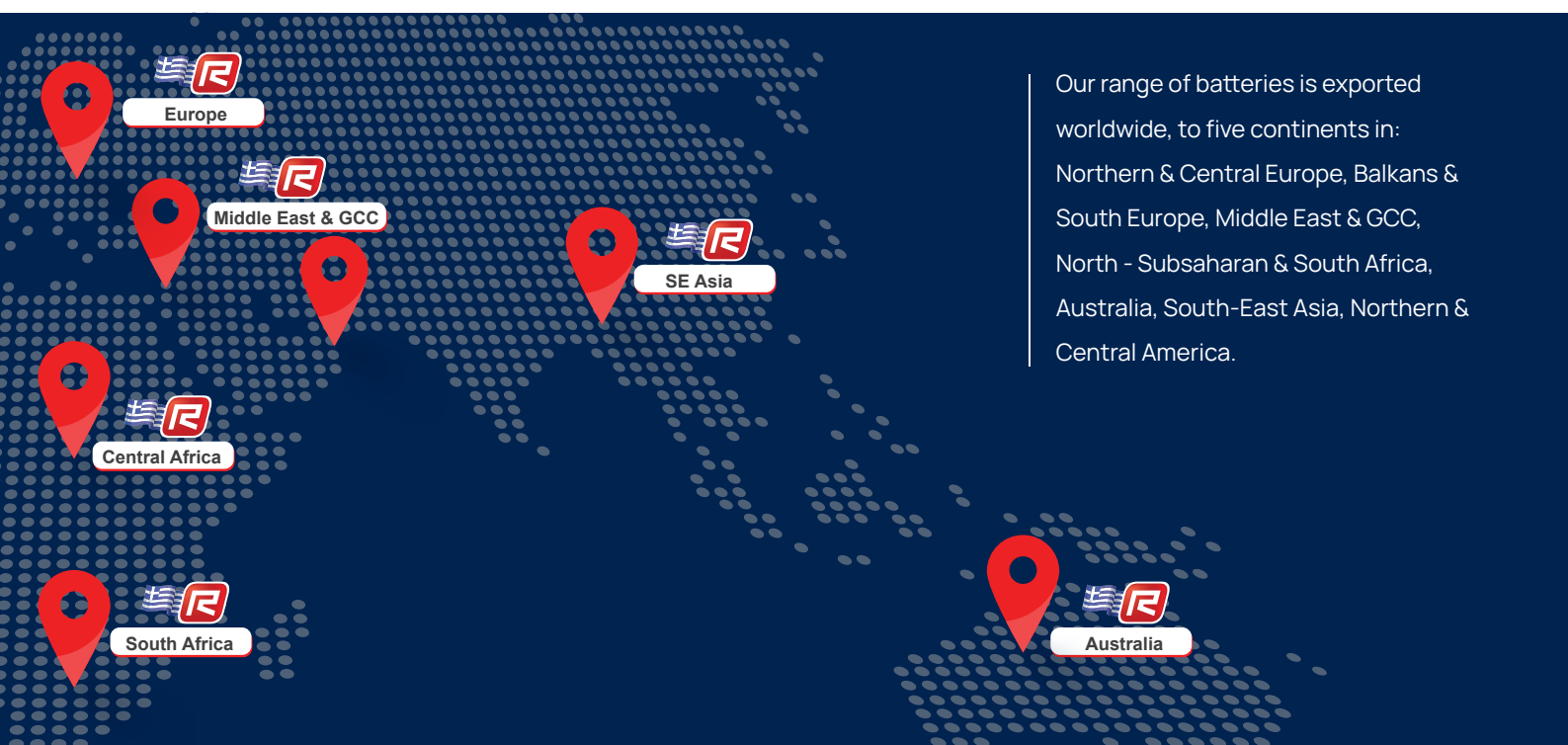


With a yearly production capacity of 500,000 batteries, designed and manufactured in Europe using the latest Ca+/Ca- technology, our batteries are available for a comprehensive range of automotive, commercial, and heavy equipment applications.



As a result of the above, we can, and do produce batteries of unmatched quality, offered at competitive factory prices, trusted by thousands of satisfied consumers.

Certified according to ISO: 9001, the GREEK INDUSTRY OF ACCUMULATORS RECOR complies with all the standards for the protection of the environment and its employees.



Based in Greece

Very quick delivery times and freight shipping efficiencies, both for road and sea transport. Among others we provide very low transport cost in comparison to the freight rates from the Far East.

Flexible & customized production

Product specifications aligned according to customers' needs.

Why us

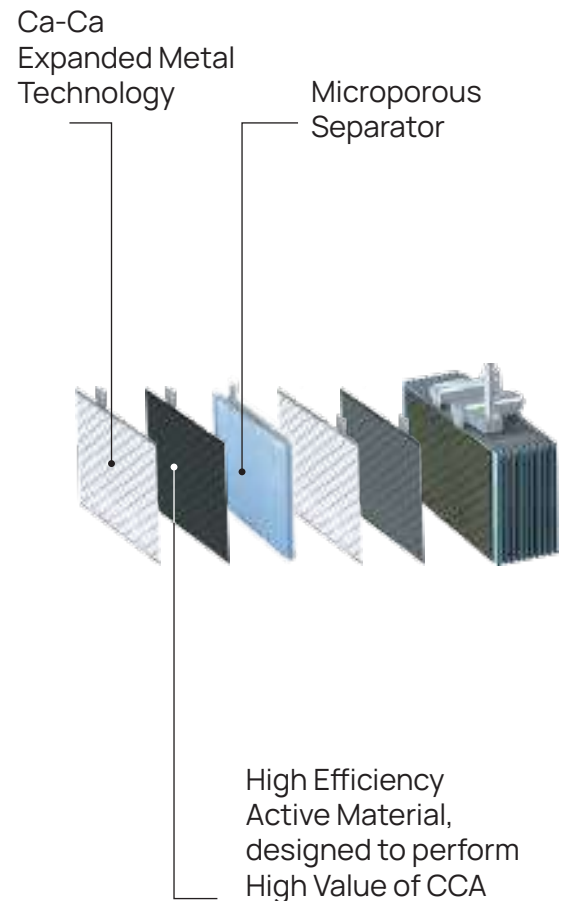
Value added solutions to our customers.

Battery Structure

Recor Batteries are designed and manufactured in Europe using the latest calcium- calcium technology and available for a comprehensive range of automotive, commercial, and heavy equipment applications.

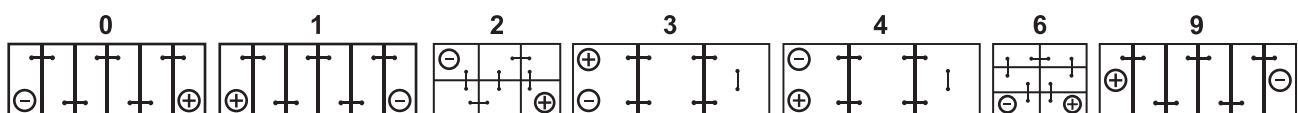
- ✓ Evolving battery technology in line with vehicle requirements
- ✓ Specific ranges and solutions
- ✓ Consistency in performance in alignment with driving preferences and vehicle demands

...makes RECOR your battery of choice for today's car parc.

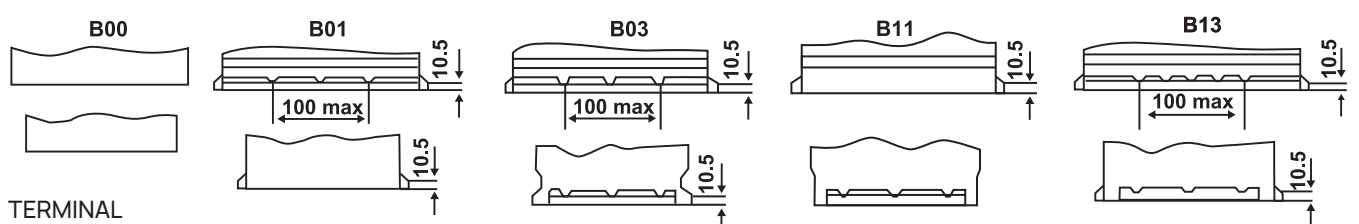


Technical Information

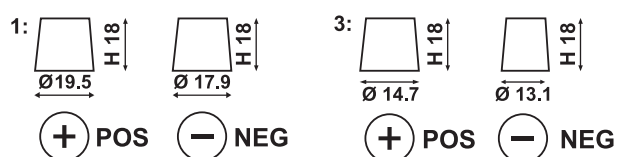
LAYOUT +/-

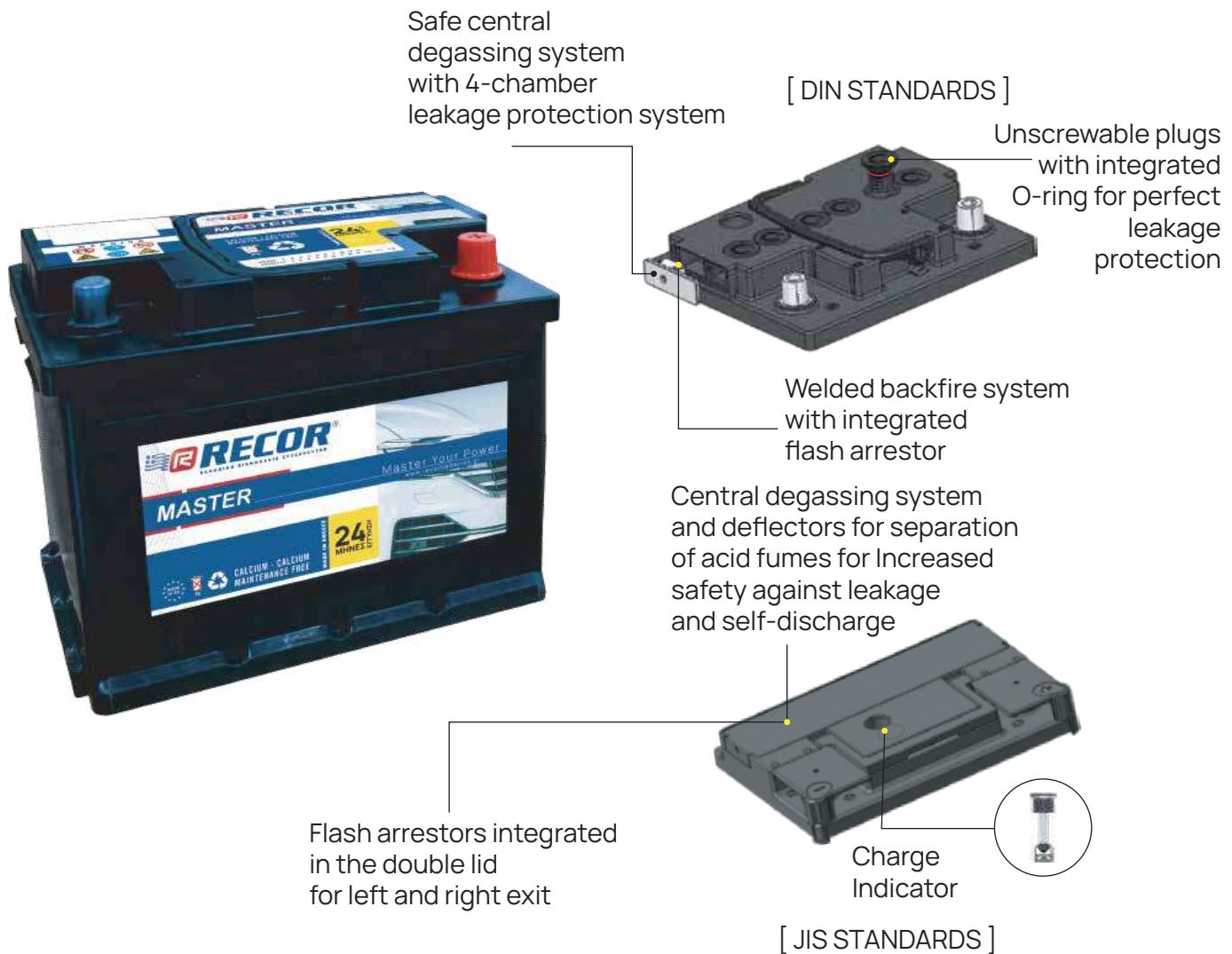


HOLDOWN



TERMINAL





Glossary

- K: 4K Kamina with unscrewable plugs
- S: SMF (CI is standard)
- TS: Truck SMF (CI N/A)
- CI: Charge Indicator (Magic Eye) is available only upon request for Kamina Version, Standard for SMF Version, N/A for Trucks SMF Version
- CB: Carton Box
- F: Vented plugs
- ad: Slim terminal adaptors
- int: Internal Holdown

¹ Standard production version

² Available upon request

³ CI N/A

Battery range developed to meet the increased demands of latest generation vehicles, especially those with Start & Stop function.

AGM Battery Line

Start & Stop Non-Stop

The ideal solution for vehicles with advanced Start & Stop technology. Special advanced glass mat separators provide significant improvement in all performance criteria including cycling ability, charge acceptance, and cranking power.



EFB Battery Line

Start & Stop Continuously

For latest generation vehicles with entry level Start & Stop function, EFB batteries offer superior durability in intense driving conditions and reliable power. Additionally, EFB batteries are the ideal alternative for cars without a start-stop system, as they provide significant performance advantages and extended service life over conventional batteries.



START-STOP
TECHNOLOGY

Enhanced Technology Range

AGM Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L02	560ADXD	60	680	242	175	190	0	1	B13	21x4	18x6	17,8	K	
L03	570ADXD	70	760	278	175	190	0	1	B13	16x4	15x6	20,3	K	
L04	580ADXD	80	800	315	175	190	0	1	B13	12x4	12x6	22,9	K	
L05	595ADXD	95	850	353	175	190	0	1	B13	12x4	12x6	25,7	K	
L06	610ADXD	110	950	394	175	190	0	1	B13	12x4	12x6	28,8	K	

EFB Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L01	550EDXD	50	450	207	175	190	0	1	B13	24x4	22x6	12,9	K	
L02	560EDXD	60	560	242	175	190	0	1	B13	21x4	18x6	16,0	K	
L03	570EDXD	70	680	278	175	190	0	1	B13	16x4	15x6	18,6	K	
L04	580EDXD	80	740	315	175	190	0	1	B13	12x4	12x6	21,5	K	
L05	595EDXD	95	820	353	175	190	0	1	B13	12x4	12x6	24,9	K	
D23	560EDXJ	60	560	230	170	220	0	1	B01 ¹ /B00	18x4	18x5	16,5	S	
D23	560ESXJ	60	560	230	170	220	1	1	B01 ¹ /B00	18x4	18x5	16,5	S	
D26	570EDXJ	70	670	260	170	220	0	1	B01 int	18x4	18x5	19,0	S	
D26	570ESXJ	70	670	260	170	220	1	1	B01 int	18x4	18x5	19,0	S	
D31	580EDXJ	80	700	304	173	220	0	1	B01 int	15x4	15x5	21,0	S	
D31	580ESXJ	80	700	304	173	220	1	1	B01 int	15x4	15x5	21,0	S	
D31	590EDXJ	90	760	304	173	220	0	1	B01 int	15x4	15x5	23,5	S	
D31	590ESXJ	90	760	304	173	220	1	1	B01 int	15x4	15x5	23,5	S	

A wide battery range, developed to meet the cranking requirements of the majority of vehicles on the road today.

Commander Battery Line

Your power to Command

Designed to cover the increased power needs of today's high-end car parc, Commander is a selective battery line. Commander batteries deliver the cold-start performance and the superior power which is needed to meet the high load of electrical requirements of the latest generation of premium cars.



All Rounder Range

Commander Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L01	55321xR	53	500	207	175	190	0	1	B13	24x4	22x6	12,2	S	
LB1	54751xR	47	450	207	175	175	0	1	B13	24x4	22x6	11,5	S	
L02	56321xR	63	580	242	175	190	0	1	B13	21x4	18x6	14,6	S	
LB2	56351xR	63	580	242	175	175	0	1	B13	21x4	18x6	14,3	S	
L03	57621xR	76	700	278	175	190	0	1	B13	16x4	15x6	17,4	S	
LB3	57651xR	76	700	278	175	175	0	1	B13	16x4	15x6	17,0	S	
LB4	58551xR	85	770	315	175	175	0	1	B13	12x4	12x6	18,7	S	
L05	60021xR	100	840	353	175	190	0	1	B13	12x4	12x6	22,0	S	

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holdown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²	DIN Standards
				L	W	H									
L00	54018xM	40	340	175	175	190	0	1	B13	24x4	22x6	9,8	S ³		
L01	54459xM	44	360	207	175	190	0	1	B13	24x4	22x6	11,0	K	CI/S	
L01	54515xM	45	390	207	175	190	0	1	B13	24x4	22x6	11,4	K	CI/S	
L01	55054xM	50	400	207	175	190	0	1	B13	24x4	22x6	11,5	K	CI/S	
L01	55065xM	50	400	207	175	190	1	1	B13	24x4	22x6	11,5	K	CI	
L01	55240xM	52	440	207	175	190	0	1	B13	24x4	22x6	11,9	K	CI/S	
LB1	54057xM	40	330	207	175	175	0	1	B13	24x4	22x6	10,2	K	CI/S	
LB1	54321xM	43	360	207	175	175	0	1	B13	24x4	22x6	10,8	K	CI/S	
LB1	54517xM	45	390	207	175	175	0	1	B13	24x4	22x6	11,2	K	CI/S	
LB1	55066xM	50	400	207	175	175	0	1	B13	24x4	22x6	11,3	K	CI/S	
LB1	55254xM	52	440	207	175	175	0	1	B13	24x4	22x6	11,7	K	CI/S	
L02	55559xM	55	450	242	175	190	0	1	B13	21x4	18x6	13,1	K	CI/S	
L02	55565xM	55	450	242	175	190	1	1	B13	21x4	18x6	13,1	K	CI	
L02	55615xM	56	500	242	175	190	0	1	B13	21x4	18x6	13,6	K	CI/S	
L02	56030xM	60	510	242	175	190	0	1	B13	21x4	18x6	13,7	K	CI/S	
L02	56031xM	60	510	242	175	190	1	1	B13	21x4	18x6	13,7	K	CI	
L02	56219xM	62	540	242	175	190	0	1	B13	21x4	18x6	14,2	K	CI/S	
LB2	55046xM	50	400	242	175	175	0	1	B13	21x4	18x6	12,5	K	CI/S	
LB2	55557xM	55	450	242	175	175	0	1	B13	21x4	18x6	12,9	K	CI/S	
LB2	55617xM	56	500	242	175	175	0	1	B13	21x4	18x6	13,3	K	CI/S	
LB2	56077xM	60	510	242	175	175	0	1	B13	21x4	18x6	13,4	K	CI/S	
LB2	56240xM	62	540	242	175	175	0	1	B13	21x4	18x6	13,9	K	CI/S	
L03	56638xM	66	540	278	175	190	0	1	B13	16x4	15x6	15,1	K	CI/S	
L03	57012xM	70	550	278	175	190	0	1	B13	16x4	15x6	15,2	K	CI/S	
L03	57238xM	72	580	278	175	190	0	1	B13	16x4	15x6	15,9	K	CI/S	
L03	57412xM	74	640	278	175	190	0	1	B13	16x4	15x6	16,3	K	CI/S	
L03	57413xM	74	640	278	175	190	1	1	B13	16x4	15x6	16,3	K	CI	
L03	57720xM	77	680	278	175	190	0	1	B13	16x4	15x6	16,9	K	CI/S	
L03	57721xM	77	680	278	175	190	1	1	B13	16x4	15x6	16,9	K	CI	
LB3	56618xM	66	540	278	175	175	0	1	B13	16x4	15x6	14,8	K	CI/S	
LB3	57418xM	74	640	278	175	175	0	1	B13	16x4	15x6	16,0	K	CI/S	
LB3	57718xM	77	680	278	175	175	0	1	B13	16x4	15x6	16,6	K	CI/S	
L04	58043xM	80	720	315	175	190	0	1	B13	12x4	12x6	18,3	K	CI	
L04	59542xM	95	760	315	175	190	0	1	B13	12x4	12x6	19,0	K	CI	
L04	59543xM	95	760	315	175	190	1	1	B13	12x4	12x6	19,0	K	CI	
LB4	58014xM	80	720	315	175	175	0	1	B13	12x4	12x6	18,0	K	CI	
L05	58827xM	88	720	353	175	190	0	1	B13	12x4	12x6	20,3	K	CI/S	
L05	60038xM	100	800	353	175	190	0	1	B13	12x4	12x6	21,0	K	CI/S	
L05	60044xM	100	830	353	175	190	0	1	B13	12x4	12x6	22,0	K	CI/S	

All Rounder Range

Master Line

Master Battery Line

Master your Power

Extensive and versatile, Master line covers most of today's standard and middle-end car parc. Designed to provide durable and reliable power in all performance criteria, Master is a true all-round performer. Master batteries deliver a balanced approach between cranking and longevity for the vast majority of vehicles with standard electrical loads.



Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holdown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²	JIS Standards
				L	W	H									
B19	53804xM	38	300	197	128	227	0	3	B01	21x4	32x5	9,3	S		
B19	53820xM	38	300	197	128	227	0	3	B00	21x4	32x5	9,3	S		
B19	53822xM	38	300	197	128	227	1	3	B00	21x4	32x5	9,3	S		
B24	54532xM	45	330	237	129	227	0	3 + ad	B00	18x4	24x5	11,1	S		
B24	54524xM	45	330	237	129	227	1	3 + ad	B00	18x4	24x5	11,1	S		
D23	45D23LxM	45	410	230	170	220	0	1	B01 ¹ /B00	18x4	18x5	12,7	S		
D23	45D23RxM	45	410	230	170	220	1	1	B01 ¹ /B00	18x4	18x5	12,7	S		
D23	50D23LxM	55	450	230	170	220	0	1	B01 ¹ /B00	18x4	18x5	13,4	S		
D23	50D23RxM	55	450	230	170	220	1	1	B01 ¹ /B00	18x4	18x5	13,4	S		
D23	56068xM	60	500	230	170	220	0	1	B01 ¹ /B00	18x4	18x5	14,0	S		
D23	56069xM	60	500	230	170	220	1	1	B01 ¹ /B00	18x4	18x5	14,0	S		
D26	48D26LxM	50	420	260	170	220	0	1	B01 int	18x4	18x5	14,5	S		
D26	48D26RxM	50	420	260	170	220	1	1	B01 int	18x4	18x5	14,5	S		
D26	65D26LxM	60	510	260	170	220	0	1	B01 int	18x4	18x5	15,8	S		
D26	65D26RxM	60	510	260	170	220	1	1	B01 int	18x4	18x5	15,8	S		
D26	57029xM	70	600	260	170	220	0	1	B01 int	18x4	18x5	17,2	S		
D26	57024xM	70	600	260	170	220	1	1	B01 int	18x4	18x5	17,2	S		
D26	85D26LxM	75	630	260	170	220	0	1	B01 int	18x4	18x5	17,9	S		
D26	85D26RxM	75	630	260	170	220	1	1	B01 int	18x4	18x5	17,9	S		
D31	65D31LxM	70	540	304	173	220	0	1	B01 int	15x4	15x5	18,9	S		
D31	65D31RxM	70	540	304	173	220	1	1	B01 int	15x4	15x5	18,9	S		
D31	95D31LxM	80	580	304	173	220	0	1	B01 int	15x4	15x5	19,8	S		
D31	95D31RxM	80	580	304	173	220	1	1	B01 int	15x4	15x5	19,8	S		
D31	105D31LxM	90	680	304	173	220	0	1	B01 int	15x4	15x5	21,5	S		
D31	105D31RxM	90	680	304	173	220	1	1	B01 int	15x4	15x5	21,5	S		
D31	60045xM	100	740	304	173	220	0	1	B01 int	15x4	15x5	22,2	S		
D31	60046xM	100	740	304	173	220	1	1	B01 int	15x4	15x5	22,2	S		

A wide battery range, developed to meet the cranking requirements of the majority of vehicles on the road today.

Challenger Battery Line

Accept the Challenge

An Allrounder product line, specifically designed for markets with lower CCA requirements. Challenger batteries, are produced with thicker plates, and in combination with the proper number of plates, the optimum output is achieved while ensuring satisfactory service life.



All Rounder Range

Challenger Line

DIN Standards

Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L01	54459xC	44	380	207	175	190	0	1	B13	24x4	22x6	11,3	K	CI/S/CB
LB1	54321xC	43	380	207	175	175	0	1	B13	24x4	22x6	10,9	K	CI/S/CB
L02	55559xC	55	440	242	175	190	0	1	B13	21x4	18x4	12,8	K	CI/S/CB
L02	56030xC	60	500	242	175	190	0	1	B13	21x4	18x4	13,5	K	CI/S/CB
L02	55565xC	55	440	242	175	190	1	1	B13	21x4	18x4	12,8	K	CI/S/CB
LB2	55046xC	50	390	242	175	175	0	1	B13	21x4	18x4	11,9	K	CI/S/CB
LB2	55557xC	55	440	242	175	175	0	1	B13	21x4	18x4	12,5	K	CI/S/CB
L03	56638xC	66	560	278	175	190	0	1	B13	16x4	15x6	15,0	K	CI/S/CB
L03	57412xC	74	600	278	175	190	0	1	B13	16x4	15x6	15,5	K	CI/S/CB
L03	57413xC	74	600	278	175	190	1	1	B13	16x4	15x6	15,5	K	CI/S/CB
LB3	57113xC	72	600	278	175	175	0	1	B13	16x4	15x6	15,3	K	CI/S/CB
L04	58043xC	80	620	315	175	190	0	1	B13	12x4	12x6	18,0	K	CI/S/CB
L05	58827xC	88	700	353	175	190	0	1	B13	12x4	12x6	20,0	K	CI/S/CB
L05	60038xC	100	790	353	175	190	0	1	B13	12x4	12x6	21,5	K	CI/S/CB

JIS Standards

Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
B19	40B19FLxC	35	280	197	128	227	0	3	B01	21x4	32x5	8,9	S	CB
B19	40B19LxC	35	280	197	128	227	0	3	B00	21x4	32x5	8,9	S	CB
B19	40B19RxC	35	280	197	128	227	1	3	B00	21x4	32x5	8,9	S	CB
B24	50B24LxC	45	310	237	129	227	0	3 + ad	B00	18x4	24x5	10,5	S	CB
B24	50B24RxC	45	310	237	129	227	1	3 + ad	B00	18x4	24x5	10,5	S	CB
D23	50D23LxC	55	420	230	170	220	0	1	B01 ¹ /B00	18x4	24x5	13,0	S	CB
D23	50D23RxC	55	420	230	170	220	1	1	B01 ¹ /B00	18x4	24x5	13,0	S	CB
D23	55D23LxC	60	460	230	170	220	0	1	B01 ¹ /B00	18x4	24x5	13,6	S	CB
D23	55D23RxC	60	460	230	170	220	1	1	B01 ¹ /B00	18x4	24x5	13,6	S	CB
D26	48D26LxC	50	400	260	170	220	0	1	B01 int	18x4	18x5	14,0	S	CB
D26	48D26RxC	50	400	260	170	220	1	1	B01 int	18x4	18x5	14,0	S	CB
D26	65D26LxC	60	510	260	170	220	0	1	B01 int	18x4	18x5	15,4	S	CB
D26	65D26RxC	60	510	260	170	220	1	1	B01 int	18x4	18x5	15,4	S	CB
D26	80D26LxC	70	550	260	170	220	0	1	B01 int	18x4	18x5	16,0	S	CB
D26	80D26RxC	70	550	260	170	220	1	1	B01 int	18x4	18x5	16,0	S	CB
D26	85D26LxC	75	600	260	170	220	0	1	B01 int	18x4	18x5	16,8	S	CB
D26	85D26RxC	75	600	260	170	220	1	1	B01 int	18x4	18x5	16,8	S	CB
D31	65D31LxC	70	560	304	173	220	0	1	B01 int	15x4	15x5	18,3	S	CB
D31	65D31RxC	70	560	304	173	220	1	1	B01 int	15x4	15x5	18,3	S	CB
D31	95D31LxC	80	600	304	173	220	0	1	B01 int	15x4	15x5	19,0	S	CB
D31	95D31RxC	80	600	304	173	220	1	1	B01 int	15x4	15x5	19,0	S	CB
D31	105D31LxC	90	660	304	173	220	0	1	B01 int	15x4	15x5	20,0	S	CB
D31	105D31RxC	90	660	304	173	220	1	1	B01 int	15x4	15x5	20,0	S	CB
D31	115D31LxC	95	710	304	173	220	0	1	B01 int	15x4	15x5	20,8	S	CB
D31	115D31RxC	95	710	304	173	220	1	1	B01 int	15x4	15x5	20,8	S	CB

Value-for-Money product range which provides a reliable and economical choice for those on a limited budget

Defender Battery Line

Dependable Engine Start

Honest & Reliable batteries, excellent for those on a limited budget serving the older/lower end car parc. Designed to perform consistently and reliably, Defender batteries are the right combination between performance and price.



DIN Standards

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holdown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L01	55054xD	50	360	207	175	190	0	1	B13	24x4	22x6	11,0	K	CI
LB1	55066xD	50	360	207	175	175	0	1	B13	24x4	22x6	10,8	K	CI
L02	56219xD	62	450	242	175	190	0	1	B13	21x4	18x6	13,1	K	CI
L02	56220xD	62	450	242	175	190	1	1	B13	21x4	18x6	13,1	K	CI
LB2	56240xD	62	450	242	175	175	0	1	B13	21x4	18x6	13,1	K	CI
L03	57212xD	72	550	278	175	190	0	1	B13	16x4	15x6	15,1	K	CI
LB3	57218xD	72	550	278	175	175	0	1	B13	16x4	15x6	14,8	K	CI
L5	60038xD	100	720	353	175	190	0	1	B13	12x4	12x6	20,3	K	CI

JIS Standards

Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holdown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
B19	53504xD	35	300	197	128	227	0	3	B01	21x4	32x5	9,3	S	
B19	53520xD	35	300	197	128	227	0	3	B00	21x4	32x5	9,3	S	
B19	53522xD	35	300	197	128	227	1	3	B00	21x4	32x5	9,3	S	
B24	54523xD	45	330	237	129	227	0	3 + ad	B00	18x4	24x5	11,1	S	
B24	54524xD	45	330	237	129	227	1	3 + ad	B00	18x4	24x5	11,1	S	
D23	56068xD	60	450	230	170	220	0	1	B01 ¹ /B00	18x4	24x5	13,4	S	
D23	56069xD	60	450	230	170	220	1	1	B01 ¹ /B00	18x4	24x5	13,4	S	
D26	57029xD	70	550	260	170	220	0	1	B01 int	18x4	24x5	16,6	S	
D26	57024xD	70	550	260	170	220	1	1	B01 int	18x4	24x5	16,6	S	
D31	60045xD	100	680	304	173	220	0	1	B01 int	15x4	15x6	21,5	S	
D31	60046xD	100	680	304	173	220	1	1	B01 int	15x4	15x6	21,5	S	

Special product range, developed to tackle the harsh operating conditions, due to the extremely high temperatures observed in the GCC region.

Heat+ Battery Line

Heat the Road

The increased temperatures in very hot climates reversely affect a battery's performance, by increasing self-discharge and corrosion, and reducing service life. Heat+ batteries are designed to combat and delay the above effects, utilizing stiffer plate grids, special additives in active material, and overall reinforced battery construction thus improving battery service life.

SMF cover is standard for Heat+ batteries as well as carton box. In addition to the above, Heat+ batteries are manufactured according to the IEC60095 standard so they are aligned with the requirement of SASO standard in KSA.



GCC Regional Range

HEAT+ Line

DIN Standards

Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
L01	54459x+	44	380	207	175	190	0	1	B13	24x4	22x6	11,3	S/CB	
LB1	54321x+	43	380	207	175	175	0	1	B13	24x4	22x6	10,9	S/CB	
L02	55559x+	55	480	242	175	190	0	1	B13	21x4	18x6	13,5	S/CB	
L02	55565x+	55	480	242	175	190	1	1	B13	21x4	18x6	13,5	S/CB	
L02	56030x+	60	540	242	175	190	0	1	B13	21x4	18x6	14,1	S/CB	
LB2	55557x+	55	480	242	175	175	0	1	B13	21x4	18x6	13,5	S/CB	
L03	56638x+	66	600	278	175	190	0	1	B13	16x4	15x6	15,5	S/CB	
L03	57412x+	74	640	278	175	190	0	1	B13	16x4	15x6	16,1	S/CB	
L03	57413x+	74	640	278	175	190	1	1	B13	16x4	15x6	16,1	S/CB	
LB3	57113x+	72	640	278	175	175	0	1	B13	16x4	15x6	15,8	S/CB	
L04	58043x+	80	700	315	175	190	0	1	B13	12x4	12x6	19,5	S/CB	
L05	58827x+	88	750	353	175	190	0	1	B13	12x4	12x6	20,7	S/CB	
L05	60038x+	100	800	353	175	190	0	1	B13	12x4	12x6	22,1	S/CB	

JIS Standards

Group Size	Type	AH C ₂₀	CCA (SAE)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
B19	40B19FLx+	35	300	197	128	227	0	3	B01	21x4	32x5	9,3	S/CB	
B19	40B19Lx+	35	300	197	128	227	0	3	B00	21x4	32x5	9,3	S/CB	
B19	40B19Rx+	35	300	197	128	227	1	3	B00	21x4	32x5	9,3	S/CB	
B24	50B24Lx+	45	330	237	129	227	0	3 + ad	B00	18x4	24x5	11,1	S/CB	
B24	50B24Rx+	45	330	237	129	227	1	3 + ad	B00	18x4	24x5	11,1	S/CB	
D23	50D23Lx+	55	460	230	170	220	0	1	B01 ¹ /B00	18x4	24x5	13,6	S/CB	
D23	50D23Rx+	55	460	230	170	220	1	1	B01 ¹ /B00	18x4	24x5	13,6	S/CB	
D23	55D23Lx+	60	500	230	170	220	0	1	B01 ¹ /B00	18x4	24x5	14,2	S/CB	
D23	55D23Rx+	60	500	230	170	220	1	1	B01 ¹ /B00	18x4	24x5	14,2	S/CB	
D26	48D26Lx+	50	500	260	170	220	0	1	B01 int	18x4	18x5	14,7	S/CB	
D26	48D26Rx+	50	500	260	170	220	1	1	B01 int	18x4	18x5	14,7	S/CB	
D26	65D26Lx+	60	550	260	170	220	0	1	B01 int	18x4	18x5	15,9	S/CB	
D26	65D26Rx+	60	550	260	170	220	1	1	B01 int	18x4	18x5	15,9	S/CB	
D26	80D26Lx+	70	590	260	170	220	0	1	B01 int	18x4	18x5	16,8	S/CB	
D26	80D26Rx+	70	590	260	170	220	1	1	B01 int	18x4	18x5	16,8	S/CB	
D26	85D26Lx+	75	640	260	170	220	0	1	B01 int	18x4	18x5	17,4	S/CB	
D26	85D26Rx+	75	640	260	170	220	1	1	B01 int	18x4	18x5	17,4	S/CB	
D31	65D31Lx+	70	580	304	173	220	0	1	B01 int	15x4	15x5	18,3	S/CB	
D31	65D31Rx+	70	580	304	173	220	1	1	B01 int	15x4	15x5	18,3	S/CB	
D31	95D31Lx+	80	650	304	173	220	0	1	B01 int	15x4	15x5	20,0	S/CB	
D31	95D31Rx+	80	650	304	173	220	1	1	B01 int	15x4	15x5	20,0	S/CB	
D31	105D31Lx+	90	700	304	173	220	0	1	B01 int	15x4	15x5	20,8	S/CB	
D31	105D31Rx+	90	700	304	173	220	1	1	B01 int	15x4	15x5	20,8	S/CB	
D31	115D31Lx+	95	740	304	173	220	0	1	B01 int	15x4	15x5	21,7	S/CB	
D31	115D31Rx+	95	740	304	173	220	1	1	B01 int	15x4	15x5	21,7	S/CB	



Enhanced Technology Heavy Duty Range

Battery range developed to meet the increased demands of latest generation of Heavy Duty vehicles

EFB Truck Battery Line - Going Pro with EFB

Utilizing latest technology, EFB Truck batteries (Ca+/Ca- sealed MF), are designed to meet the increased "Hotel Facility" power requirements of modern trucks, demonstrating outstanding durability to recurring charging cycles, as well as significant resistance to vibration.

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
A	64589xE	145	850	513	189	220	3	1	B00 ¹ /B01 int	8x4	7x4	34,0	TS	
B	69013xE	190	1050	513	223	223	3	1	B00 ¹ /B01	7x4	7x4	42,7	TS	
C	74011xE	240	1200	514	276	242	3	1	B00	6x4	6x4	57,0	TS	



All Rounder Heavy Duty Range

Master your Truck

Master HD batteries, Ca+/Ca- sealed or standard MF, are the appropriate choice for much of the modern fleet of trucks on the road today, which have common electric facilities, but high demand for power and longevity.

Master Heavy Duty Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
BCI31	MF31-800xM	105	800	330	172	240	9	1	B01	12x4	12x5	24,0	S ³	
A	62034xM	120	720	513	189	220	3	1	B00 ¹ /B01 int	8x4	7x4	31,0	TS	F
A	62033xM	120	720	513	189	220	4	1	B00 ¹ /B01 int	8x4	7x4	31,0	TS	F
A	63520xM	135	780	513	189	220	3	1	B00 ¹ /B01 int	8x4	7x4	32,0	TS	F
A	63521xM	135	780	513	189	220	4	1	B00 ¹ /B01 int	8x4	7x4	32,0	TS	F
MAC143	63511xM	135	720	514	218	208	3	1	B00	7x4	7x4	33,5	F	
B	64317xM	143	850	513	223	223	3	1	B00 ¹ /B01	7x4	7x4	36,0	TS	F
B	64333xM	143	850	513	223	223	4	1	B00 ¹ /B01	7x4	7x4	36,0	TS	F
B	65013xM	150	900	513	223	223	3	1	B00 ¹ /B01	7x4	7x4	37,0	TS	F
B	65033xM	150	900	513	223	223	4	1	B00 ¹ /B01	7x4	7x4	37,0	TS	F
B	67018xM	170	950	513	223	223	3	1	B00 ¹ /B01	7x4	7x4	39,0	TS	F
B	67033xM	170	950	513	223	223	4	1	B00 ¹ /B01	7x4	7x4	39,0	TS	F
B	68032xM	180	1000	513	223	223	3	1	B00 ¹ /B01	7x4	7x4	41,5	TS	F
B	68033xM	180	1000	513	223	223	4	1	B00 ¹ /B01	7x4	7x4	41,5	TS	F
C	70027xM	200	1050	514	276	242	3	1	B00	6x4	6x4	49,0	TS	F
C	70033xM	200	1050	514	276	242	4	1	B00	6x4	6x4	49,0	TS	F
C	72014xM	220	1150	514	276	242	3	1	B00	6x4	6x4	56,0	TS	F

Master Military Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
6TN	60013xM	100	760	286	270	230	6	1	B00	9x4	9x4	20,5/30,0	F	
6TN	61013xM	110	840	286	270	230	6	1	B00	9x4	9x4	23,2/32,8	F	
6TN	62513xM	125	1000	286	270	230	6	1	B00	9x4	9x4	26,0/35,9	F	

Value Heavy Duty Range

Defender Line

Group Size	Type	AH C ₂₀	CCA (EN)	Dimensions (mm)			Layout +/-	Terminal	Holddown	Qty per pallet TRUCK	Qty per pallet CNTR	Weight Kg +/-3%	Standard Version	Available Features ²
				L	W	H								
A	62034xD	120	680	513	189	220	3	1	B00 ¹ /B01 int	8x4	8x4	30,0	TS	F
A	62033xD	120	680	513	189	220	4	1	B00 ¹ /B01 int	8x4	8x4	30,0	TS	F
A	63520xD	135	720	513	189	220	3	1	B00	8x4	7x4	32,0	TS	F
B	65013xD	150	820	513	223	223	3	1	B00	7x4	7x4	35,5	TS	F
B	65033xD	150	820	513	223	223	4	1	B00	7x4	7x4	35,5	TS	F
B	67018xD	170	880	513	223	223	3	1	B00	7x4	7x4	36,2	TS	F
B	68032xD	180	900	513	223	223	3	1	B00	7x4	7x4	37,0	TS	F
C	70027xD	200	950	514	276	242	3	1	B00	6x4	6x4	47,5	TS	F
C	70033xD	200	950	514	276	242	4	1	B00	6x4	6x4	47,5	TS	F
C	72014xD	220	1050	514	276	242	3	1	B00	6x4	6x4	49,0	TS	F

Notes

Notes

[illegible]



Starter Batteries

RECOR

by Sakkos Automotive



Get in touch



Headquarters

20, 28th October Str.,
18233, Ag. Ioannis Rentis,
Athens, Greece



Factory

Komotini Industrial Zone
69100, Komotini, Greece



info@sakkos-automotive.gr
export@sakkos-automotive.gr
www.sakkos-automotive.gr



+30 210 4915225