



PRODUCT CATALOGUE

www.akusan.com.tr



COMPANY PROFILE

Akusan Inc. was established in 1976 in Kayseri / TURKEY. Akusan Inc. was founded in a small workshop to produce starter battery plates, and today has become an international brand, occupying a total area of 10.000 m².

In 1981, Akusan started to produce ebonite type starter battery and its first batteries are used as OEM battery of Turkish Ford Factory. Since 1983, Akusan Inc. is using its modern plant to produce battery components, in "East Industrial Zone" of Kayseri, has accelerated its growth in certain steps to be an international firm and a demanded brand.

Trained personnel structure, high-standard technology and modern manufacturing understanding lie beneath the high-quality of Akusan Inc. Our company has always given great importance to the quality of product. Most important principle of our company is the customer satisfaction with high-quality product. Based on this principle; it got the "TSE 1353 Quality Certificate" in 1988 and also in 2004 our company earned another quality certificate, which is "ISO 9001:2000 Quality Management System". Our company proved its quality in battery sector with these certificates. And also, it has showed its sensitivity to nature and environment by getting the certificate; "TS EN ISO 14000 Environmental Management Certificate".

Akusan INC., which endeavors to develop itself constantly and to compete with the world's technology, has continued to its technological investments with Gel Battery manufacturing in 2008. AKUSAN has achieved to produce GEL Batteries within the brand name FZA Gel Battery.

Akusan Inc. has settled its place in the battery sector with its high product range and two commercial brands, "Asya Battery" and "Feza Battery". Also our company has a great progress in a very active way with more than 350 branches and approximately 100 authorized services in all over the country. In addition to this, Akusan Inc. has dealers more over 15 countries in all over the world.

Our Mission

Our mission is to become the most trustworthy brand and manufacturer of batteries by continuously expanding R&D operations with the latest technology available and developing products with highest globally acknowledged standards. We aim to preserve and excel in our ever accessible customer service approach, and solve any problems that may rise after sales by continuously developing new perspectives. By keeping a high sense of responsibility for the environment, we also aim to become a role model within our industry and the community in general.

Our Vision

Our vision is to become the leader in all markets as the most trusted company with the biggest market share, by preserving the norms we proudly developed over 35 plus years in this new century's competitive markets; and continue providing the best service and develop the highest quality products at our state-of-the-art modern facilities, with the help of our highly skilled, experienced and hard working employees.



Our Policy of Quality Management System

Environmental Policy

Being more sensitive about environment is precedence for our company's management and employee.

The management of our company undertake that all financial, administrative and technical resources will be supplied in order to provide ongoing improvement in Environment Management System as appropriate ISO 14001 Standards.

We assume following way in order to attain this target

- Define, control and reduce environmental effects that sourced or will be sourced by our production processes,
- Conform to laws and legal regulations about our environmental dimension and eliminate risks that can be arised from environmental effects as this dimension,
- Consider technologies having minimum environmental risk and effects for new investments and reduce pollution on this way,
- Reduce wastes with using raw material, energy and natural resources efficiently,
- Instill sensation of environmental responsibility to all personal in Akusan Inc. and suppliers with required trainings,
- Control and reduce wastes sourced from our products and processes and take care that using returnable raw material in process,
- Make regular and periodical inspections in order to measure environment management system's effectiveness and take corrective actions if necessary and perform ongoing improvement activities,

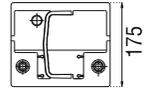
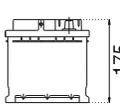
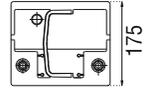
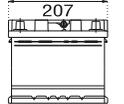
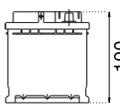
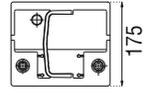
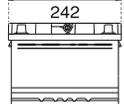
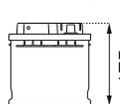
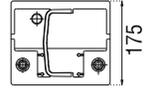
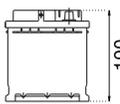
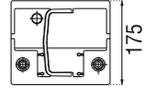
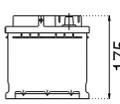
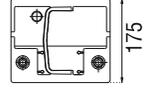
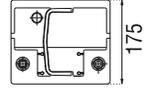
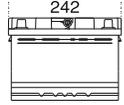
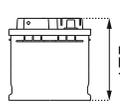
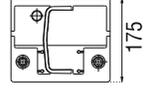
Quality Policy

Our main policy is to respond to our customers needs at top level.

To realize this;

- To use every opportunity for improvement
- To constitute a participation and positive company culture; with high motivated employee.
- To provide better working conditions to protect environment and to respect all livings.
- To respect and obey the quality standards delivery times of our customers in the way of our company goods.
- To form our own technology by following up- to- date informations and technologies.
- To see all our suppliers as a part of our quality system and to make them improve as the same way we do.

SMF SERIES

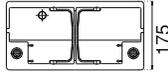
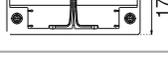
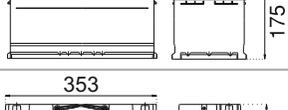
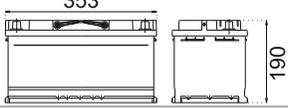
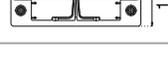
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S44L1-R	44	360	1	1	B13	207	175	190	✓	✓	L1	120				
S45L2B	45	380	1	0	B14	242	175	175	✓	✓	L2B	100				
S45L2B-R	45	380	1	1	B14	242	175	175	✓	✓	L2B	100				
S50L1	50	400	1	0	B13	207	175	190	✓	✓	L1	120				
S50L1-R	50	400	1	1	B13	207	175	190	✓	✓	L1	120				
S50L1B	50	400	1	0	B13	207	175	175	✓	✓	L1B	120				
S50L1B-R	50	400	1	1	B13	207	175	175	✓	✓	L1B	120				
S50L2	50	420	1	0	B13	242	175	190	✓	✓	L2	100				
S50L2-R	50	420	1	1	B13	242	175	190	✓	✓	L2	100				
S50L2B	50	420	1	0	B14	242	175	175	✓	✓	L2B	100				
S50L2B-R	50	420	1	1	B14	242	175	175	✓	✓	L2B	100				
S55L2	55	480	1	0	B13	242	175	190	✓	✓	L2	100				
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SMF SERIES



CODE	AH	A EN	TRM	LAYOUT	HOLD DOWN	DIMENSIONS			IND	HANDLE	BOX TYPE	QUANTITY PER PALLET	TOP VIEW	SIDE VIEWS		NOTES
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S60L2-R	60	510	1	1	B13	242	175	190	✓	✓	L2	100				
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S60L2B-R	60	510	1	1	B13	242	175	175	✓	✓	L2B	100				
S66L3	66	540	1	0	B13	278	175	190	✓	✓	L3	80				
S66L3-R	66	540	1	1	B14	278	175	190	✓	✓	L3	80				
S66L3B	66	540	1	0	B14	278	175	175	✓	✓	L3B	80				
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S72L3	72	580	1	0	B14	278	175	190	✓	✓	L3	80				TAXI
S72L3-R	72	580	1	1	B14	278	175	190	✓	✓	L3	80				
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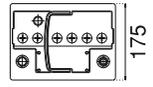
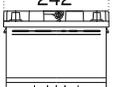
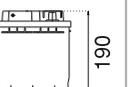
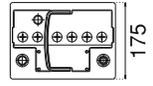
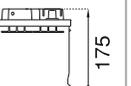
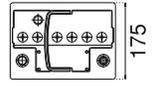
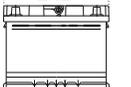
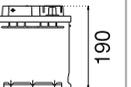
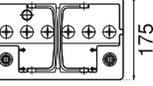
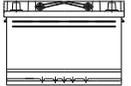
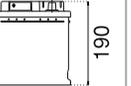
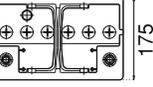
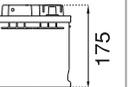
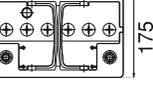
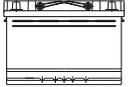
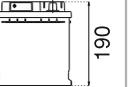
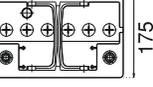
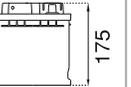
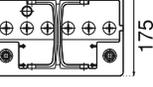
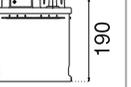
SMF SERIES

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S88L5B	88	720	1	0	B13	353	175	175	✓	✓	L5B	80			
S88L5B-R	88	720	1	1	B13	353	175	175	✓	✓	L5B	80			
S100L5	100	760	1	0	B13	353	175	190	✓	✓	L5	80			
S100L5-R	100	760	1	1	B13	353	175	190	✓	✓	L5	80			
S100L5B	100	760	1	0	B13	353	175	175	✓	✓	L5B	80			
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CLASSIC SERIES



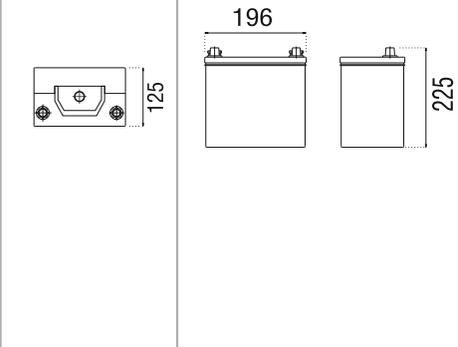
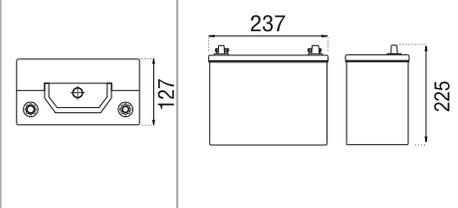
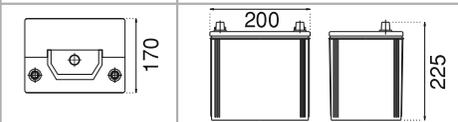
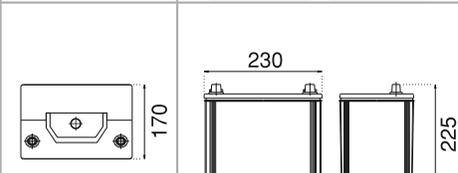
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C44L1	44	360	1	0	B13	207	175	190	✓	✓	L1	120				
C44L1-R	44	360	1	1	B13	207	175	190	✓	✓	L1	120				
C45L2B	45	380	1	0	B14	242	175	175	✓	✓	L2B	100				
C45L2B-R	45	380	1	1	B14	242	175	175	✓	✓	L2B	100				
C50L1	50	420	1	0	B13	207	175	190	✓	✓	L1	120				
C50L1-R	50	420	1	1	B13	207	175	190	✓	✓	L1	120				
C50L1B	50	420	1	0	B13	207	175	175	✓	✓	L1B	120				
C50L1B-R	50	420	1	1	B13	207	175	175	✓	✓	L1B	120				
C50L2	50	420	1	0	B13	242	175	190	✓	✓	L2	100				
C50L2-R	50	420	1	1	B13	242	175	190	✓	✓	L2	100				
C50L2B	50	420	1	0	B14	242	175	175	✓	✓	L2B	100				
C50L2B-R	50	420	1	1	B14	242	175	175	✓	✓	L2B	100				
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C55L2-R	55	480	1	1	B13	242	175	190	✓	✓	L2	100				
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C60L2B	60	510	1	0	B13	242	175	175	✓	✓	L2B	100				
C60L2B-R	60	510	1	1	B13	242	175	175	✓	✓	L2B	100				
C66L2	66	530	1	0	B13	242	175	190	✓	✓	L2	100				
C66L2-R	66	530	1	1	B13	242	175	190	✓	✓	L2	100				
C66L3	66	540	1	0	B13	278	175	190	✓	✓	L3	80				
C66L3-R	66	540	1	1	B14	278	175	190	✓	✓	L3	80				
C66L3B	66	540	1	0	B14	278	175	175	✓	✓	L3B	80				
C66L3B-R	66	540	1	1	B14	278	175	175	✓	✓	L3B	80				
C72L3	72	580	1	0	B14	278	175	190	✓	✓	L3	80				
C72L3-R	72	580	1	1	B14	278	175	190	✓	✓	L3	80				
C75L3B	75	600	1	0	B14	278	175	175	✓	✓	L3B	80				
C75L3B-R	75	600	1	1	B14	278	175	175	✓	✓	L3B	80				
C75L3	75	600	1	0	B13	278	175	190	✓	✓	L3	80				
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CLASSIC SERIES



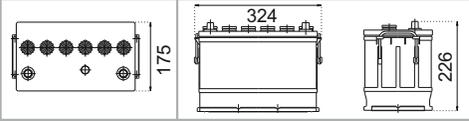
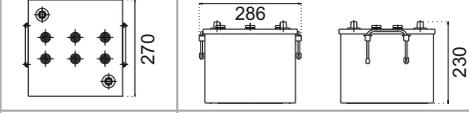
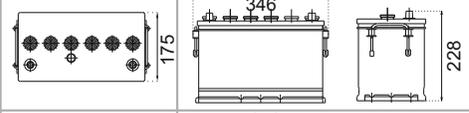
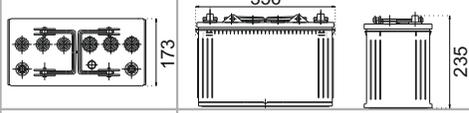
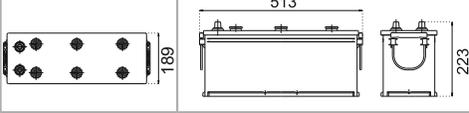
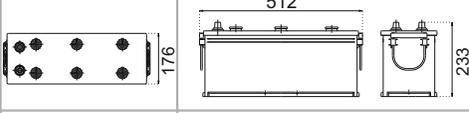
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						LENGTH	WIDTH	HEIGHT							
C80L4	80	640	1	0	B13	315	175	190	✓	✓	L4	80			
C80L4-R	80	640	1	1	B13	315	175	190	✓	✓	L4	80			
C88L5	88	720	1	0	B13	353	175	190	✓	✓	L5	80			
C88L5-R	88	720	1	1	B13	353	175	190	✓	✓	L5	80			
C100L5	100	760	1	0	B13	353	175	190	✓	✓	L5	80			
C100L5-R	100	760	1	1	B13	353	175	190	✓	✓	L5	80			
C100L5B	100	760	1	0	B13	353	175	175	✓	✓	L5B	80			
C100L5B-R	100	760	1	1	B13	353	175	175	✓	✓	L5B	80			

CODE	AH	A EN	TRM	LAYOUT	HOLD DOWN	DIMENSIONS			IND	HANDLE	BOX TYPE	QUANTITY PER PALLET	TOP VIEW	SIDE VIEWS	NOTES
						LENGTH	WIDTH	HEIGHT							
J35NS40	35	300	1	0	B0	196	125	225	✓	✓	NS40	144			
J35NS40-R	35	300	1	1	B0	196	125	225	✓	✓	NS40	144			
J35NS40-3	35	300	3	0	B0	196	125	225	✓	✓	NS40	144			
J35NS40-R3	35	300	3	1	B0	196	125	225	✓	✓	NS40	144			
J42NS40	42	330	1	0	B0	196	125	225	✓	✓	NS40	144			
J42NS40-R	42	330	1	1	B0	196	125	225	✓	✓	NS40	144			
J42NS40-3	42	330	3	0	B0	196	125	225	✓	✓	NS40	144			
J42NS40-R3	42	330	3	1	B0	196	125	225	✓	✓	NS40	144			
J45NS60-3	45	360	3	0	B0	237	127	225	✓	✓	NS60	120			
J45NS60-R3	45	360	3	1	B0	237	127	225	✓	✓	NS60	120			
J45NS60	45	360	1	0	B0	237	127	225	✓	✓	NS60	120			
J45NS60-R	45	360	1	1	B0	237	127	225	✓	✓	NS60	120			
J50D20	50	400	1	0	B1	200	170	225	✓	✓	D20	96			
J50D20-R	50	400	1	1	B1	200	170	225	✓	✓	D20	96			
J50D23	50	420	1	0	B1	230	170	225	✓	✓	D23	96			
J50D23-R	50	420	1	1	B1	230	170	225	✓	✓	D23	96			
J55D23	55	440	1	0	B1	230	170	225	✓	✓	D23	96			
J55D23-R	55	440	1	1	B1	230	170	225	✓	✓	D23	96			

JAPAN TYPE SERIES



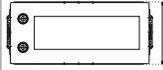
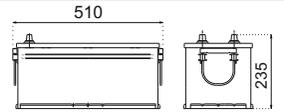
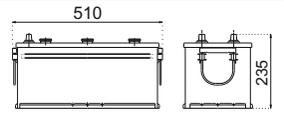
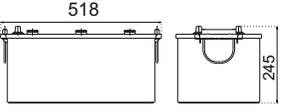
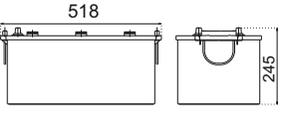
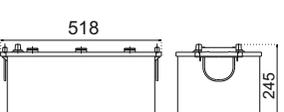
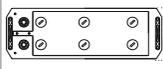
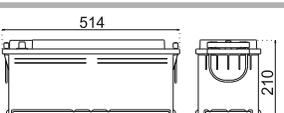
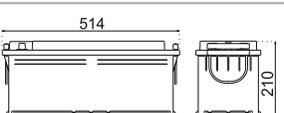
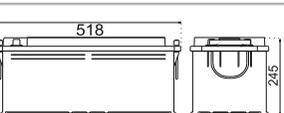
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						LENGTH	WIDTH	HEIGHT							
J60D23	60	480	1	0	B1	230	170	225	✓	✓	D23	96			
J60D23-R	60	480	1	1	B1	230	170	225	✓	✓	D23	96			
J60NS60	60	480	1	0	B0	237	127	225	✓	✓	NS60	120			
J60NS60-R	60	480	1	1	B0	237	127	225	✓	✓	NS60	120			
J60D26	60	500	1	0	B1	260	175	225	✓	✓	D26	80			
J60D26-R	60	500	1	1	B1	260	175	225	✓	✓	D26	80			
J70D26	70	540	1	0	B1	260	175	225	✓	✓	D26	80			
J70D26-R	70	540	1	1	B1	260	175	225	✓	✓	D26	80			
J80D31	80	660	1	0	B1	305	175	225	✓	✓	D31	60			
J80D31-R	80	660	1	1	B1	305	175	225	✓	✓	D31	60			
J90D31	90	740	1	0	B1	305	175	225	✓	✓	D31	60			
J90D31-R	90	740	1	1	B1	305	175	225	✓	✓	D31	60			

CODE	AH	A EN	TRM	LAYOUT	HOLD DOWN	DIMENSIONS			IND	HANDLE	BOX TYPE	QUANTITY PER PALLET	TOP VIEW	SIDE VIEWS	NOTES
						LENGHT	WIDTH	HEIGHT							
HD90H3	90	740	1	1	B3	324	175	226	OPTIONAL	✓	H3	60			
HD90H3-R	90	740	1	0	B3	324	175	226	OPTIONAL	✓	H3	60			
HD100D7	100	680	1	2	B0	286	270	230	OPTIONAL	✓	D7	24			
HD105H4	105	820	1	0	B3	346	175	228	OPTIONAL	✓	H4	60			
HD105D2	105	840	1	0	B1	356	173	235	OPTIONAL	✓	D2	60			
HD110D2	110	860	1	0	B1	356	173	235	OPTIONAL	✓	D2	60			
HD120A	120	920	1	3	B3	513	189	223	OPTIONAL	✓	A	36			
HD120D1	120	920	1	3	B3	512	176	233	OPTIONAL	✓	12D1	36			
HD120SMF	120	950	1	3	B3	513	189	223	OPTIONAL	✓	A	36		SMF	
HD125D7	125	800	1	2	B0	286	270	230	OPTIONAL	✓	D7	24			
HD128D3	128	800	1	0	B1	356	175	280	OPTIONAL	✓	D3	36			

HEAVY DUTY SERIES



CODE	AH	A EN	TRM	LAYOUT	HOLD DOWN	DIMENSIONS			IND	HANDLE	BOX TYPE	QUANTITY PER PALLET	TOP VIEW	SIDE VIEWS	NOTES
						LENGTH	WIDTH	HEIGHT							
HD135A	135	950	1	3	B3	513	189	223	OPTIONAL	✓	A	36			
HD135D1	135	950	1	3	B3	512	176	233	OPTIONAL	✓	12D1	36			
HD135SMF	135	950	1	3	B3	513	189	223	OPTIONAL	✓	A	36			SMF
HD150B	150	1100	1	3	03	510	218	235	OPTIONAL	✓	B	30			
HD150SMF	150	1100	1	3	B3	510	218	235	OPTIONAL	✓	B	30			SMF
HD150D5	150	1100	1	3	B3	502	220	223	OPTIONAL	✓	D5	30			
HD165B	165	1150	1	3	B3	510	218	235	OPTIONAL	✓	B	30			
HD180B	180	1200	1	3	B3	510	218	235	OPTIONAL	✓	B	30			
HD180D5	180	1200	1	3	B3	502	220	223	OPTIONAL	✓	D5	30			

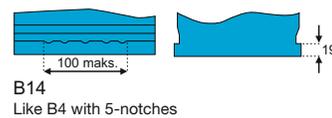
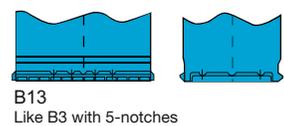
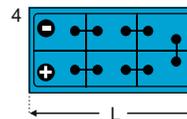
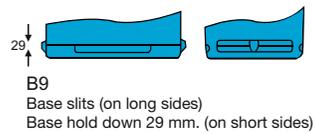
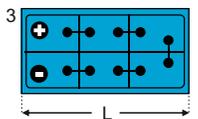
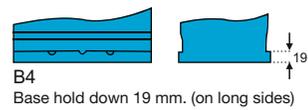
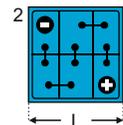
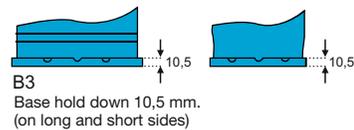
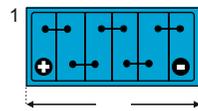
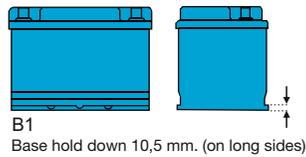
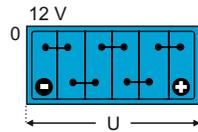
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						LENGHT	WIDTH	HEIGHT							
HD180SMF	180	1200	1	3	B3	510	218	235	OPTIONAL	✓	B	30			SMF
HD190B	190	1250	1	3	B3	510	218	235	OPTIONAL	✓	B	30			
HD190C	190	1270	1	3	B3	518	276	245	OPTIONAL	✓	C	30			
HD200SMF	200	1300	1	3	B3	518	276	245	OPTIONAL	✓	C	24			SMF
HD200C	200	1300	1	3	B0	518	276	245	OPTIONAL	✓	C	24			
HD210C	210	1350	1	3	B0	518	276	245	OPTIONAL	✓	C	24			
HD225C	225	1450	1	3	B0	518	276	245	OPTIONAL	✓	C	24			
MAC110	110	760	1	3	B3	514	175	210	OPTIONAL	✓	MAC110	36			MAC
MAC135	135	800	1	3	B3	514	175	210	OPTIONAL	✓	MAC110	36			
MAC143	143	860	1	3	B3	514	218	210	OPTIONAL	✓	MAC143	30			
MAC200	200	1200	1	3	B3	518	276	245	OPTIONAL	✓	MAC200	24			
MAC225	225	1300	1	3	B3	518	276	245	OPTIONAL	✓	MAC200	24			

TECHNICAL DATA

TECHNICAL DATA

Layout

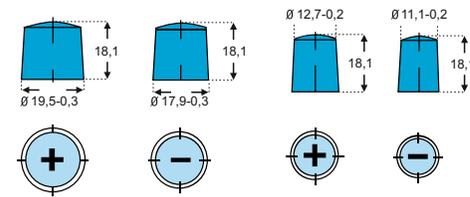
Base hold down



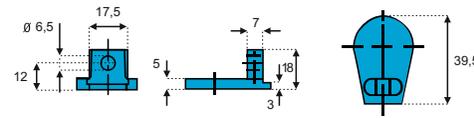
Terminal

1 Tapered terminal to DIN 72311 T.4

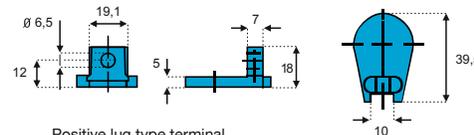
3 Small dia. Tapered terminal (Japanese)



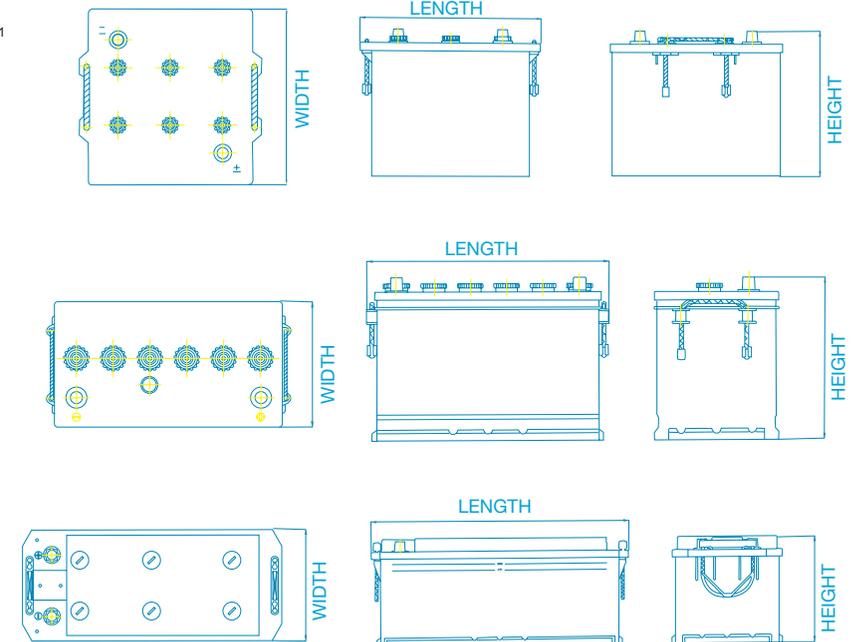
19 Ford Lug type terminal



Negative lug type terminal



Positive lug type terminal



OPTIONAL CHARACTERISTICS

- HD - Heavy Duty
- SHD - Super HD
- (level 3 = Vibration to EN)
- Rf - Vibration proof
- Srf - Super vibration proof

Integrated Flash Arrestor Indicator

- * provides safety system
- * prevents accidental explosion
- * From external spark or open flame
- * avoids acid-leakage
- * prevents inflow of dust

PE High Performance Envelope Separators

- * encapsulate negative plates
- * better durability against vibration
- * prevents short circuiting between positive and negative plates

Expanded Metal Calcium – Lead Alloy Grids

- * offer considerable strength
- * extra resistant to grid corrosion
- * resistant to over – charge
- * minimal gas emission
- * minimal waterloss



SOC Indicator

- * at full charge, the electrolyte specific gravity is 1.280 while at 50% of charge considered the minimum serviceable condition, the specific gravity is typically 1.220 In a typical situation when the specific gravity drops to 1.100, the battery is fully discharged.
- * provides foresight about status of battery

Heat – Sealed Covers

- * prevent leakage and contamination
- * increases case strength and rigidity

Polypropylene Case

- * supports the battery elements for resistance to vibration and road shock damage.
- * light weight, exceptionally strong, durable and resistant to handling and impact damage
- * extra strength to external effects
- * recyclable if disposed of properly

WARNINGS

Warning notes and safety regulations filled lead – acid batteries



1. The following information is about the battery, instructions of use, and instructions for installing the battery in the vehicle



2. Wear eye protection.



3. Keep children away from acid and batteries.



4. Explosion hazard:
-A highly-explosive oxyhydrogen gas mixture occurs when charging batteries, therefore:



5. Fires, sparks, naked lights and smoking are prohibited:
-Avoid causing sparks when dealing with cables and electrical equipment, and beware of electrostatic discharges
-Avoid short-circuits



6. Corrosive hazard:
Battery acid is highly corrosive, therefore:
-Wear protective gloves and eye protection.
-Do not tilt battery: acid can escape from the degassing openings or vents.



7. First aid:
-Rinse off acid splashed in the eyes immediately for several minutes with clean water. Then consult a doctor immediately.
-Neutralize acid splash on skin or clothes immediately with acid neutralizer (soda) or soap suds and rinse with plenty of water.
-If acid is consumed, consult a doctor immediately.



8. Warning note:
-Do not place batteries in direct sunlight without protection.
-Discharged batteries can freeze up, therefore store in an area free from frost.



9. Disposal:
-Hand in old batteries at a collection point. Always store batteries upright, and prevent from tipping over during transportation.
Never dispose of old batteries as domestic waste.

CERTIFICATES



TÜRK STANDARLARI ENSTİTÜSÜ
TÜRK STANDARLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tammi Description of the Mark
TSE veya TSE veya TSE

BELGE NUMARASI REFERENCE NUMBER OF LICENCE	14.11.35/2156
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	15.05.2009
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	15.05.2013
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	AKU-SAN AKU SANAYİ VE TİCARET A.Ş.
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	SIVAS YOLU KUMARLI MEVKİİ 8. KM. KAYSERİ
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	AKU-SAN AKU SANAYİ VE TİCARET A.Ş.
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	SIVAS YOLU KUMARLI MEVKİİ 8. KM. KAYSERİ
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	FEZA
İLGİLİ TÜRK STANDARTI RELATED TURKISH STANDARD	TS EN 50342-1 / 27.03.2007
BELGE KAPSAMI SCOPE OF LICENCE	

-12 V, 45 Ah (DAHLİDEN 200 Ah (DAHİLİTE KADAR STANDARD VE ÖZEL BOYUTLU) YOLCU TAŞITLARINDA, NORMAL ŞARTLARDA KULLANILAN TİCARİ VE ENDÜSTRİYEL ARAÇLARDA VE AĞIR ŞARTLARDA KULLANILAN HAVALANDIRILMALI TİP, NORMAL VE DÜŞÜK SU KAYIPLI YOL VERME KURSU - ASİT AKÜMÜLATORLERİ.

15/05/2012
MELİHOZÇETİN
İZMİR ÜRÜN BELGELENDİRME
MÜDÜRÜ V.

"Bu belge, belgelenen ürünün, ürün yerinin, işletiminin belgelendiği şartlar karşılığındadır.
Türk Standardları Enstitüsü (TSE) İZMİR Ürün Belgelendirme Müdürlüğü Tarafından Verilmiştir. TSE'nin adresi: www.tse.gov.tr - İstanbul
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by review of SA2.002194 numbered report for the scope

MANUFACTURE, SALES AND SERVICES OF ACCUMULATOR

to certify that a management system in accordance with standard's clauses is established and being implemented

DIN EN ISO 9001:2008

Certificate No : QMS 0411 002098
Date of Issue : 2011-04-11
Expiry Date : 2014-04-10
Certificate Period : 3 years (3rd year)

Frankfurt a.M., 2013-04-11

Universal AG
Certification Services

The authority of this certificate can be confirmed online or by e-mail to the Head Office via:
Universal AG, Bottinggasse 52 65929 Frankfurt am Main Germany T: +49 69 300 65 342 F: +49 69 257 88 369 www.uni-cert.de info@uni-cert.de

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Universal AG, Bottinggasse 52 65929 Frankfurt am Main Germany T: +49 69 300 65 342 F: +49 69 257 88 369 www.uni-cert.de info@uni-cert.de



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