

ST★RMAX



AUTOMOTIVE BATTERIES

STARTER BATTERY - EN STANDARD

The world's leading battery brand



www.starmaxbatteries.com

AUTOMOTIVE STARTER BATTERY - EN STANDARD



Application

The automotive starter battery is designed to deliver the right level of power and longevity for every kind of car. It's widely applied to cars, SUV's, Minivans, Light trucks and other commercial vehicles.

Special Features

Car Starter Battery Wholesale

- ✔ Applicable to extreme environment from -30°C~75°C.
- ✔ Unique 4BS lead paste formula to enhance battery capacity and ensure strong, long-lasting powersupport.
- ✔ Application of new electrolyte additive, making fast charging available.
- ✔ Special grid structure and material to enhance vibration resistance performance.

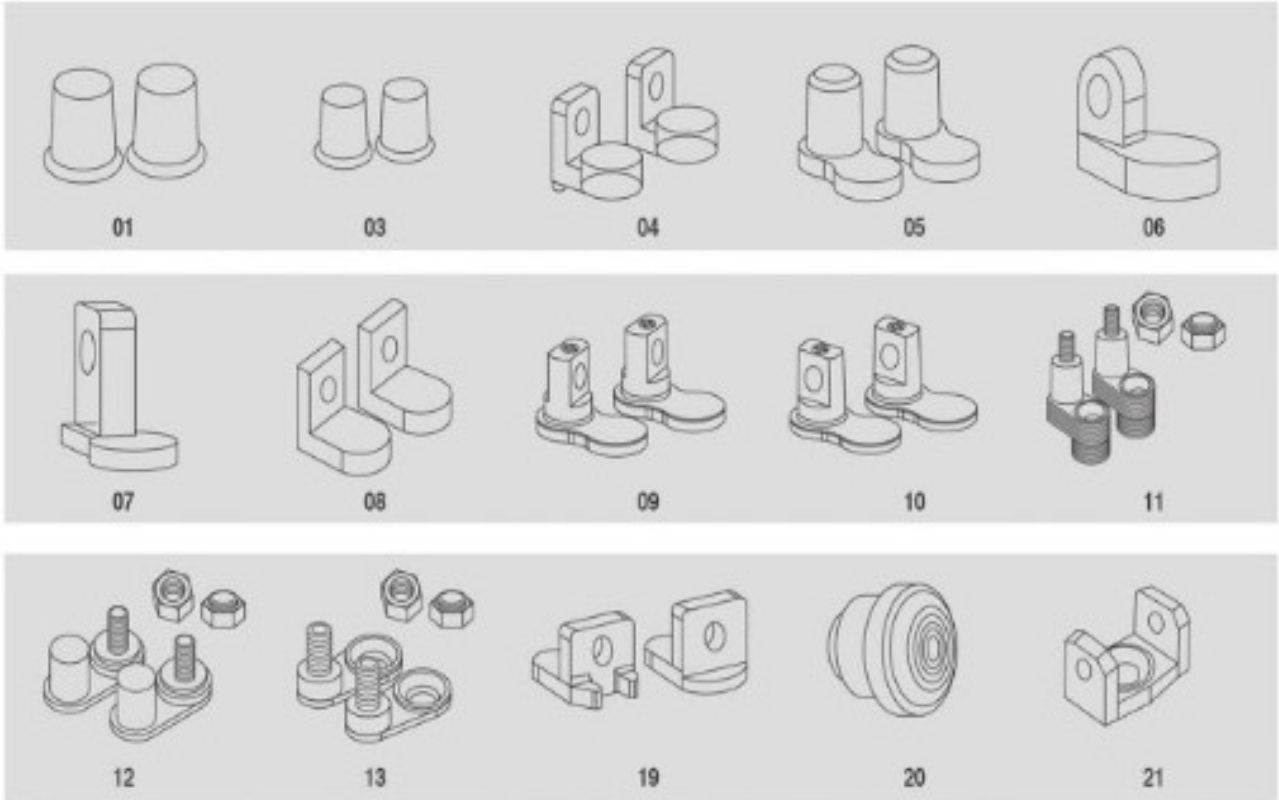
SPECIFICATIONS

DIN Gr.No	DIN NO.	Voltage (V)	Capacity 20Hr(Ah)	CCA (-18°C)EN	Dimensions(mm) L*W*H	Terminal (Layout /Type)	Hold Down	Weight (kg)
LB1	53646MF	12	36	300	207*175*175	0/1	B13	11.4
LB1	54323MF	12	43	410	207*175*175	0/1	B13	12.2
L1	54459MF	12	44	370	207*175*190	0/1	B13	12.2
L1	54464MF	12	44	370	207*175*190	0/1	B13	12.2
L1	55054MF	12	50	410	207*175*190	0/1	B13	13.6
LB2	54519MF	12	45	360	242*175*175	0/1	B13	13.3
LB2	55519MF	12	55	450	242*175*175	0/1	B13	14.1
LB2	56077MF	12	60	500	242*175*175	0/1	B13	14.7
L2	55559MF	12	55	450	242*175*190	0/1	B13	13.8
L2	55548MF	12	55	450	242*175*190	0/1	B13	13.8
L2	56073MF	12	60	530	242*175*190	0/1	B13	15
L2	56219MF	12	62	530	242*175*190	0/1	B13	15
L2	56221MF	12	62	530	242*175*190	0/1	B13	15

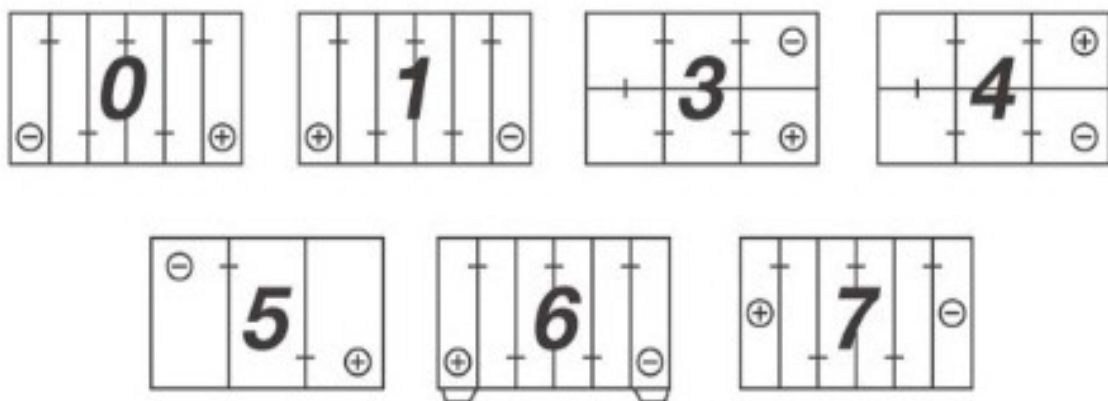


DIN Gr.No	DIN NO.	Voltage (V)	Capacity 20Hr(Ah)	CCA (-18°C)EN	Dimensions(mm) L*W*H	Terminal (Layout /Type)	Hold Down	Weight (kg)
LB3	55415MF	12	54	450	278*175*175	0/1	B13	15.4
LB3	56318MF	12	63	520	278*175*175	0/1	B13	16.4
LB3	56420MF	12	64	520	278*175*175	0/1	B13	16.4
L3	56638MF	12	66	520	278*175*190	0/1	B13	17.9
L3	57412MF	12	74	620	278*175*190	0/1	B13	18.5
L3	57413MF	12	74	620	278*175*190	0/1	B13	18.5
LB4	57539MF	12	75	680	315*175*175	0/1	B13	19.7
L4	58043MF	12	80	660	315*175*190	0/1	B13	20.4
LB5	58515MF	12	85	680	352*175*175	0/1	B13	21.1
L5	58827MF	12	88	740	352*175*190	0/1	B13	21.8
L5	58821MF	12	88	740	352*175*190	0/1	B13	21.8
L5	59219MF	12	92	780	352*175*190	0/1	B13	22.3
L5	60044MF	12	100	780	352*175*190	0/1	B13	22.9
L6	61042MF	12	110	900	393*175*190	0/1	B13	27.9
JIS B20	53520MF	12	36	290	196*128*223	0/3	B00	9.6
JIS B20	53522MF	12	36	290	196*128*223	1/3	B00	9.6
JIS B24	54523MF	12	45	350	237*128*222	0/1	B00	11.9
JIS B24	54524MF	12	45	350	237*128*222	0/3	B00	11.9
JIS B24	54584MF	12	45	350	237*128*222	0/3	B00	11.9
JIS B24	54551MF	12	45	350	237*128*222	1/3	B00	11.9
JIS D23	56068MF	12	60	430	229*171*222	0/1	B00	15
JIS D23	56069MF	12	60	430	229*171*222	1/1	B00	15
JIS D31	57512MF	12	75	540	305*171*225	0/1	B1	19.9
JIS D31	57513MF	12	75	540	305*171*225	1/1	B1	19.9
JIS D31	58513MF	12	40	600	305*171*225	0/1	B1	21
JIS D31	58514MF	12	85	600	305*171*225	1/1	B1	21






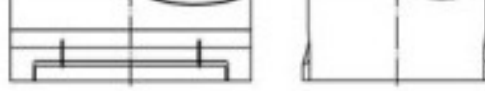
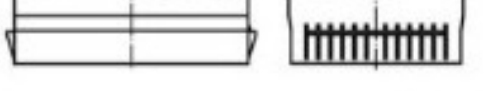
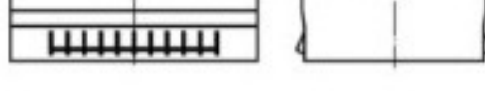

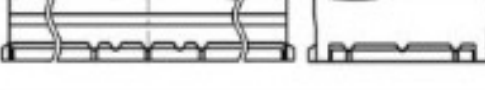
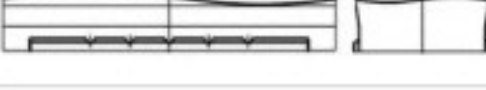
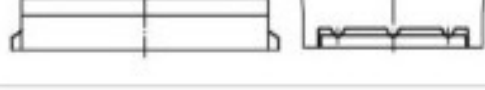
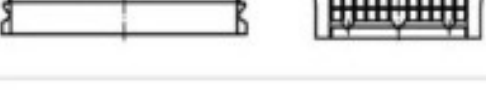





TERMINAL



LAYOUT



HOLD DOWN

B00		B01	
B02		B03	
B04		B05	
B06		B07	
B08		B09	
B10		B11	
B12		B13	
B14		B15	
B16		B17	

BATTERY CARE AND MAINTENANCE



- The vent hole on both sides of the battery cover or on the vent plug should be checked regularly. Keep the holes from being blocked by dust and ice water to avoid poor exhaust, shell deformation and burst



- When charging batteries, work in a well-ventilated area. Always turn battery charger off before disconnecting battery
- Battery usage should be discontinued if the battery terminals are burnt.
- We recommend constant voltage charging instead of constant current charging for the battery



- When testing battery performance, start with reserve capacity
- When servicing a sealed maintenance free (SMF) battery, check the State of Charge Indicator. This gives you a snap shot of the battery's condition and whether the battery needs to be charged or replaced. The vehicle may still start the engine although the indicator outlines to replace the battery. If the State of Charge Indicator advises 'Replace Battery' it is important that the battery is replaced as the electrolyte levels may be below the plates which can lead to an internal explosion



- If you have a maintainable battery, it is important to check if the battery has sufficient electrolyte covering the battery plates. If topping up is required, do not over fill as the fluid levels will rise when the battery is fully charged and may overflow. Top up using distilled or demineralized water and never fill with sulphuric acid
- Check the battery's state of charge. Most batteries have a State of Charge Indicator on top of the battery that will give you an on the spot diagnosis of the battery condition. However, a more reliable way to check is with a voltmeter to determine the stabilized voltage or if the vent caps are removable a hydrometer to determine the specific gravity (SG) of the electrolyte



- Usually it takes 3 to 5 seconds to start a car at first time. The restarting should be at intervals of more than 15 seconds. If the car fails to be start after many times, check if there is any damage on the battery or the circuit. This situation is common in winter
- For batteries used in seasonal applications and stored long term, fully recharge the battery prior to storing. Check the state of charge or voltage regularly. Should the voltage drop below 12.5V, recharge the battery. It is important to check the battery completely before reconnecting to electrical devices
- Keep the battery top clean and dry. Apply either petroleum jelly or Vaseline to cable clamps and terminals for proper lubrication and added protection
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged

WARNING

01

Battery acid can cause burns. Please keep away from children. Suitable hand, eye and face protection and protective clothing must be worn. If in the eyes, hold eyelids apart and flush the eye continuously with running water or contact a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water.

02

Keep away from heat source and open fire. Keep ventilated when charging or using batteries to avoid burst hurt.

03

Do not open the battery to avoid explosion.

04

Do not use metal tools to connect positive and negative terminal, otherwise the battery will short circuit and cause fire or explosion.

05

Do not Discard the batteries. Insulate the +ve and -ve Terminals with insulating tape and take them to a recycling facility.

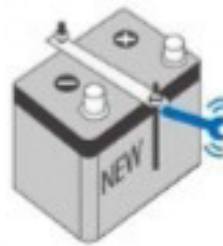
HOW TO REPLACE BATTERY



Switch off the engine and keep sparks, flames, cigarettes away from battery at all times before removing the old battery.



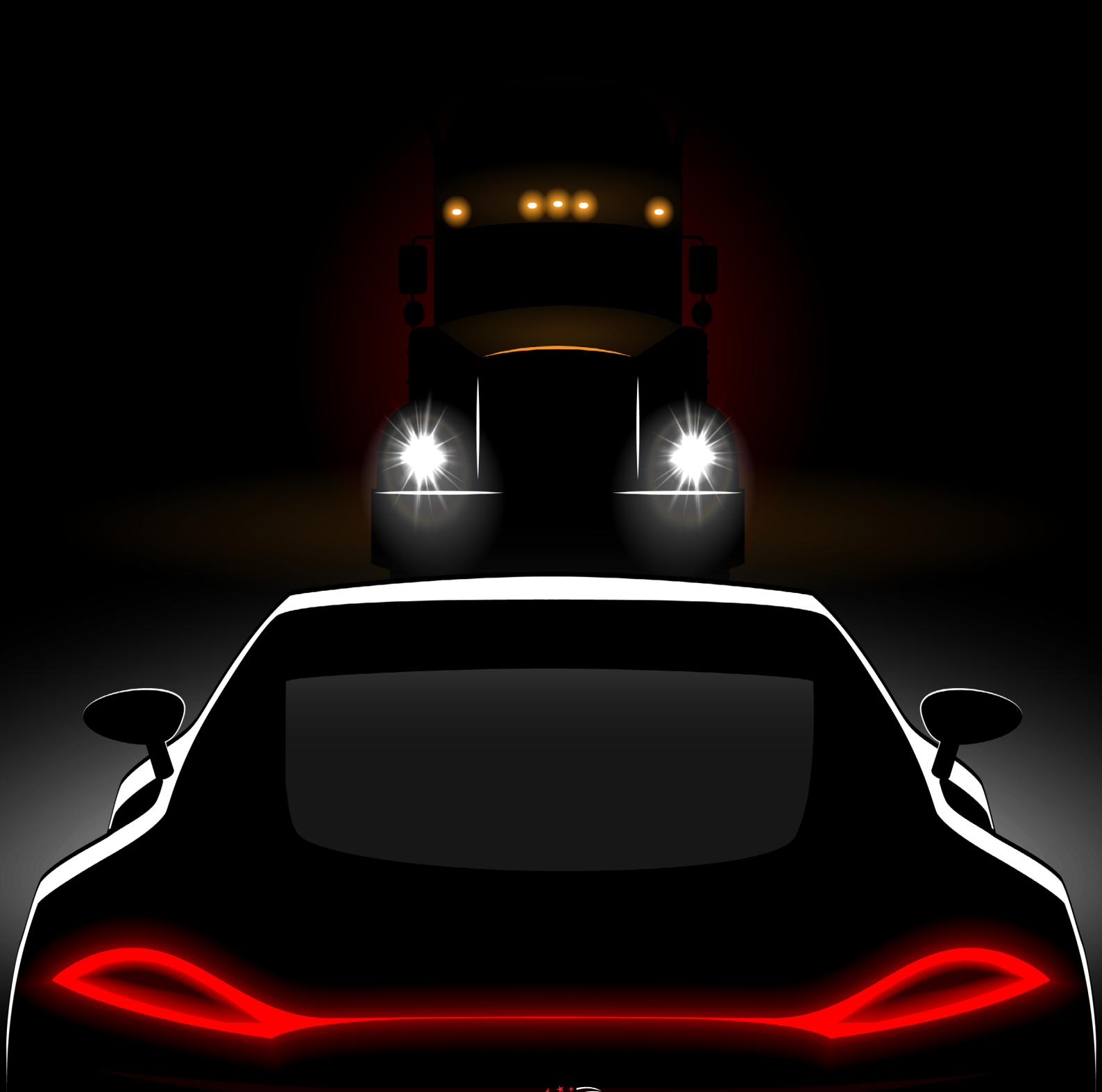
Disconnect the negative terminal first and avoid short-circuit caused by tools when removing old battery.



Clean corroded parts in tray and cable clamps before installation of new battery.



Connect the positive terminal first and check the terminal clamps for tight fit when installing new battery.



Starmax Corporation

1585 Cliveden Avenue, Delta, British Columbia
V3M 6M1, Canada

Phone: +1 888 669 1310

Email: info@starmaxbatteries.com

Website: www.starmaxbatteries.com

