

# ST RMAX



## **AUTOMOTIVE** BATTERIES

STARTER BATTERY - BCI STANDARD

The world's leading battery brand



[www.starmaxbatteries.com](http://www.starmaxbatteries.com)

# AUTOMOTIVE STARTER BATTERY - BCI 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.

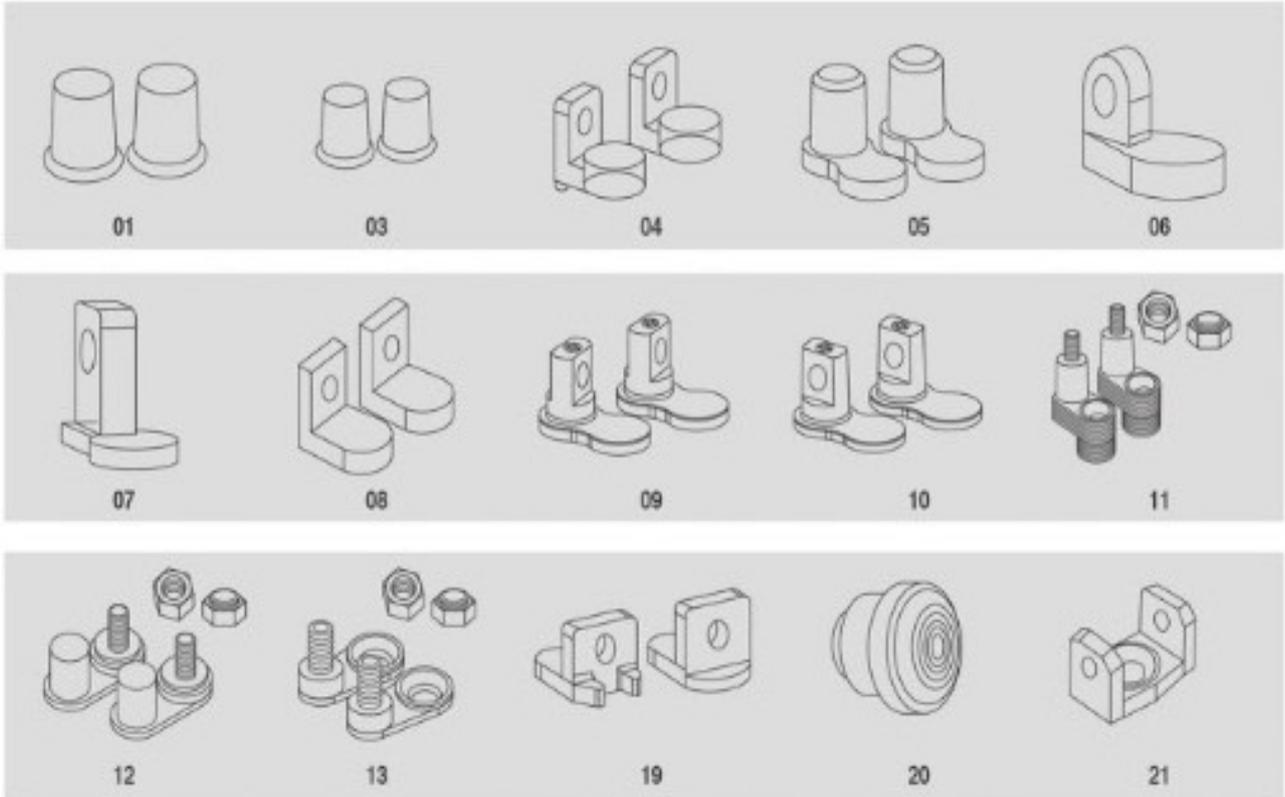
## SPECIFICATIONS

BCI Gr.No	BCI NO.	Voltage (V)	RC (min)	CCA (-18°C)EN	Dimensions(mm) L*W*H	Terminal (Layout /Type)	Hold Down	Weight (kg)
U1	U1-200	12	24	200	197*130*185	1/4	B00	7
U1	U1-280	12	34	280	197*130*185	1/4	B00	7.7
U1	U1-330	12	44	330	197*130*185	1/4	B00	8.3
24	24-450	12	75	450	262*173*222	1/1	B13	15.4
24	24-550	12	94	550	262*173*222	1/1	B13	16.4
24	24-600	12	101	600	262*173*222	1/1	B13	17
25	25-500	12	82	500	229*171*222	1/1	B13	15
34	25-500	12	115	625	260*172*199	1/1	B07	20.1
34R	34R-625	12	115	625	260*172*199	0/1	B07	20.1
35	35-480	12	86	480	230*175*223	0/1	B01	15.1
78	78-550	12	94	550	260*185*183	6/20	B07	15.4
78	78-640	12	115	640	260*185*183	6/20	B07	16.4
85	85-550	12	88	550	229*172*203	0/1	B07	15.1

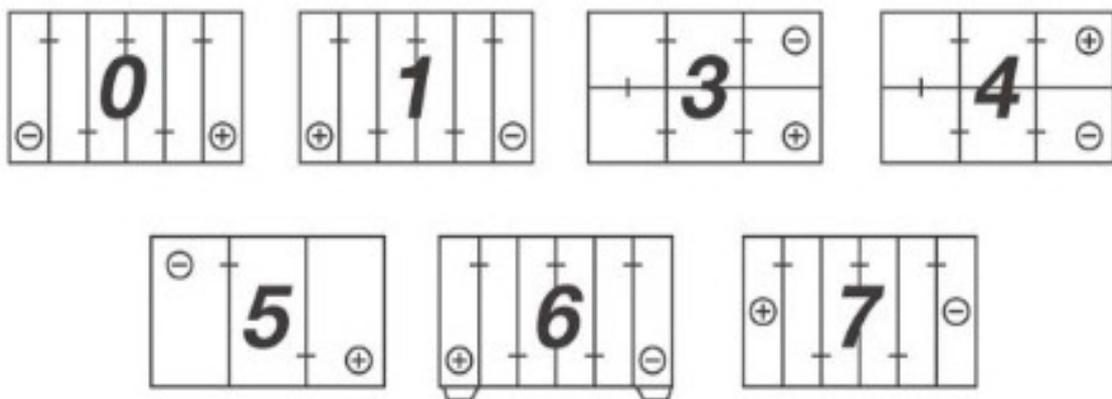


DIN Gr.No	DIN NO.	Voltage (V)	Capacity 20Hr(Ah)	CCA (-18°C)EN	Dimensions(mm) L*W*H	Terminal (Layout /Type)	Hold Down	Weight (kg)
85R	85R-550	12	88	550	229*172*203	1/1	B07	15.1
90	90-500	12	77	500	242*175*175	0/1	B13	13.6
91	91-540	12	85	540	278*175*175	0/1	B13	15.1
92	92-700	12	120	700	315*175*175	0/1	B13	19.4
93	93-750	12	128	750	352*175*175	0/1	B13	21.5
96R	96R-460	12	69	460	242*175*175	0/1	B13	13.2
65	65-640	12	115	640	293*186*190	1/1	B07	17.1
65	65-820	12	156	820	293*186*190	1/1	B07	19.1
47	47-600	12	107	600	242*175*190	0/1	B13	15
48	48-650	12	122	650	278*175*190	0/1	B13	18.6
49	490840	12	145	740	352*175*190	1/1	B13	20.9
94R	94R-760	12	149	760	315*175*190	0/1	B13	20.8

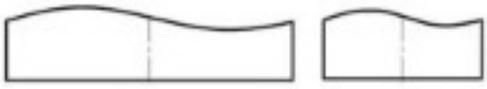
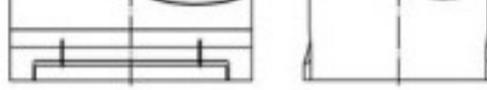
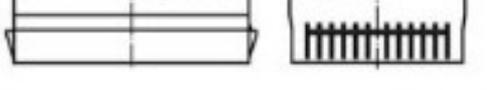
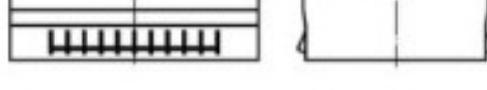
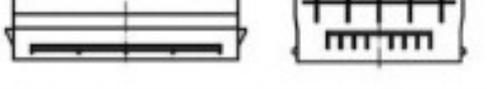
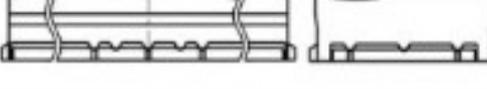
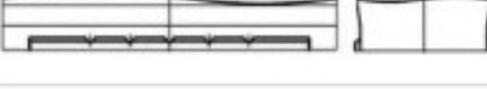
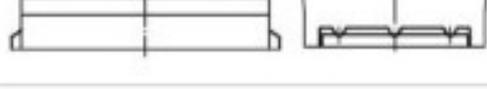
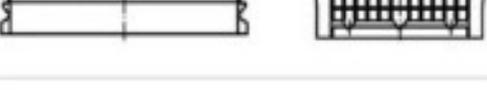
# TERMINAL



# 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.

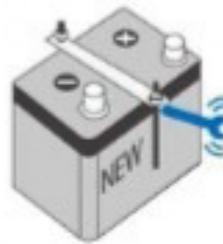
## HOW TO REPLACE BATTERY



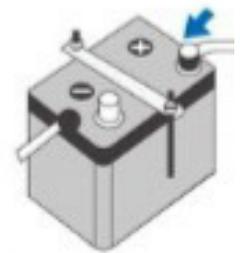
Switch off the engine and keep sparks, flames, cigarettes away from battery at all times before removing the old battery.



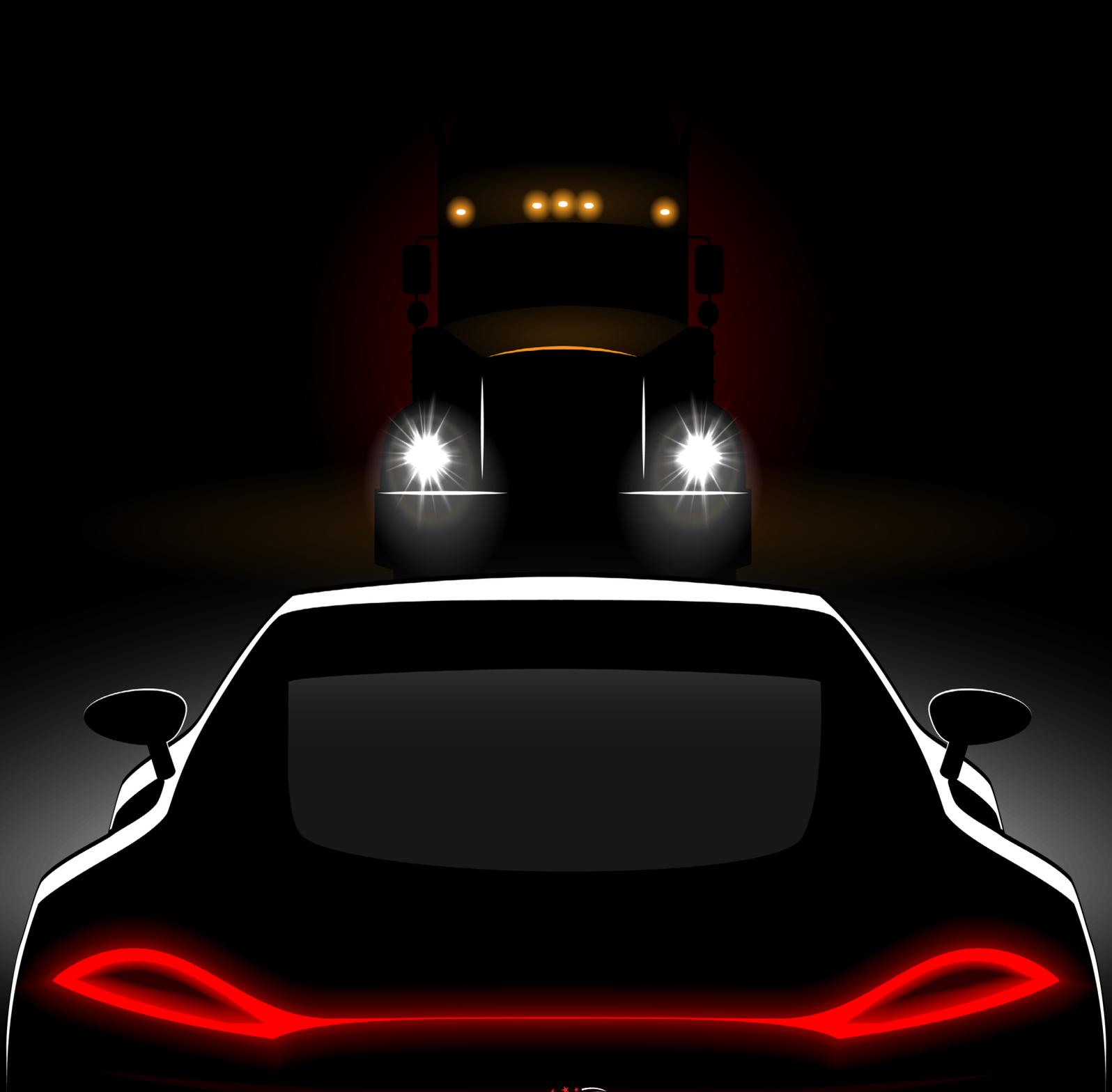
Disconnect the negative terminal first and avoid short-circuit caused by tools when removing old battery.



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](mailto:info@starmaxbatteries.com)

**Website:** [www.starmaxbatteries.com](http://www.starmaxbatteries.com)

