



**FIRST
NATIONAL[™]
BATTERY**

THROUGH CARING WE LEAD

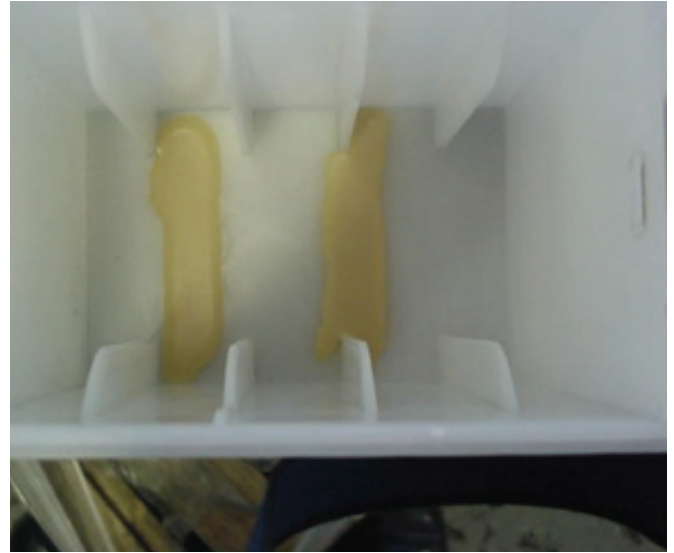
Extra Heavy Duty Truck Battery Range



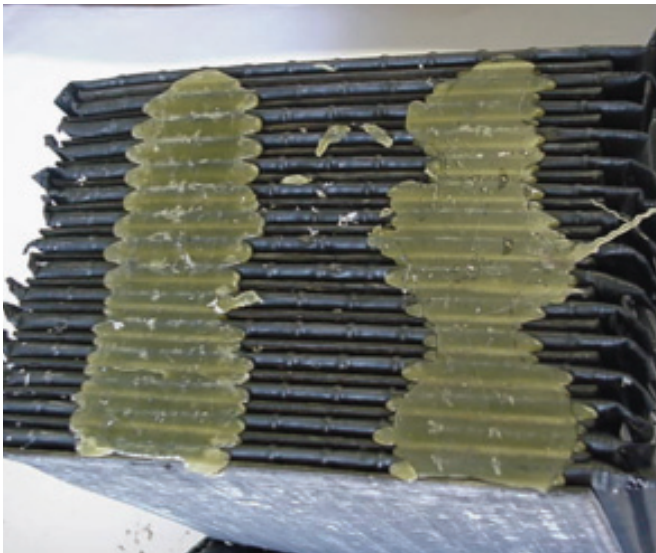
ISO 14001: 2004
ISO 9001: 2008
ISO/TS 16949: 2009



Glass mat separators



Hot melt glue anchors plate groups and reduces movement.



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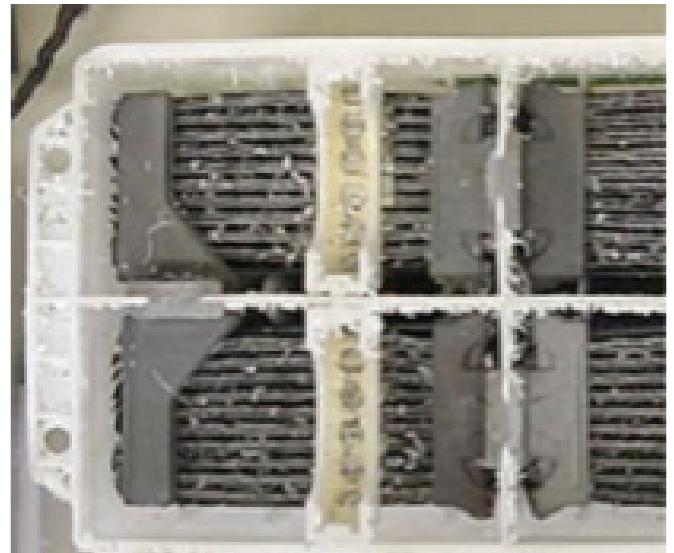


Plate locks on end cells



Central venting with flash arrestors



Dual moulded vent that virtually eliminates the possibility of acid spillage on the battery top.

No topping up required

EXTREME VIBRATION RESISTANCE

This feature is attributed to:

- PLATE LOCKS FITTED TO END CELLS.
- HOT MELT GLUE ANCHORS PLATE

GROUPS AND REDUCES MOVEMENT,

resulting in reduced paste shedding and separator damage due to grids. (Class B Battery comply with SANS 60095-1 rev 7). This means that battery is capable of withstanding the most demanding conditions – poor road surfaces, agricultural, and construction off road applications.

SPECIALLY FORMULATED PASTE

Provides increased battery performance and high cycle life.

MAXIMUM CCA provides dependable starting, every time, even under the most severe conditions.

Robust FULLY FRAMED GRIDS ensure that the likelihood of separators being pierced is eliminated, lower internal resistance and

increased current, carrying capacity.

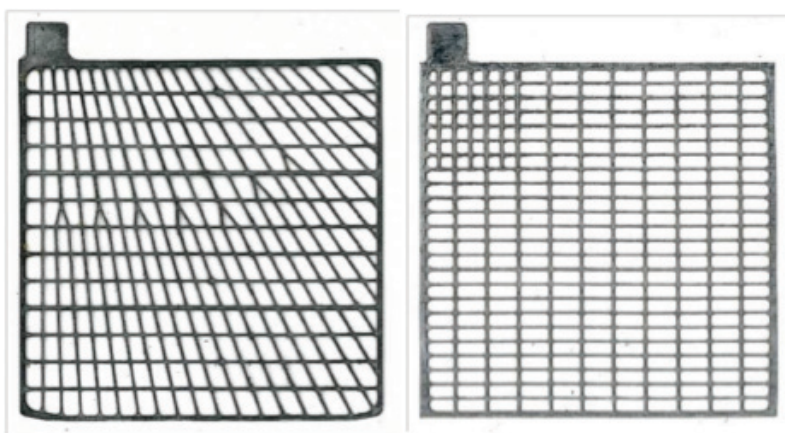
In addition to conventional polyethylene separators, GLASS MAT SEPARATORS result in superior cycling performance.

CALCIUM ALLOYS reduce gassing and ensure MINIMAL WATER LOSS. No need for topping up during design life under normal operating conditions.

CENTRAL VENTING reduces the risk of explosion.

Leak proof DUAL MOULDED VENT that virtually eliminates the possibility of acid spillage on the battery top, due to poor road conditions, and in all off road and construction vehicle.

LOW SELF DISCHARGE - longer shelf life. Most suitable to provide continuous power for cabin comfort – microwave and television.

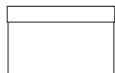


Fully framed grids

Extremely vibration resistant

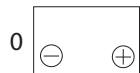
BATTERY SPECIFICATIONS

Type	C _n (Ah)	Reserve Capacity (Min)	IEC/EN CCA(A)	Length mm	Width mm	Height mm	Hold down	Terminal	Layout
674C	96	180	770	346	174	226	B0	STD	0
682C	120	225	840	513	188	221	B0	STD	4
683C	120	225	840	513	188	221	B0	STD	3
685C	118	200	820	513	188	209	B0	STD	3
686C	140	256	950	513	188	221	B0	STD	3
688C	200	350	1340	513	276	241	B0	STD	4
689C	143	256	950	514	220	221	B0	STD	3
690C	143	256	950	514	220	221	B0	STD	4
690CP	160	275	1040	514	220	221	B0	STD	4
692C	160	275	1040	514	220	221	B0	STD	3
695CZ	230	400	1350	513	276	241	B0	STD	3
696C	180	305	1250	514	220	221	B0	STD	3
696CZ	180	305	1180	514	220	221	B0	STD	3
698CZ	180	305	1180	514	220	221	B0	STD	4
SMF100	102	180	710	328	171	239	B0	STUD	CENTRE
SMF101	102	180	710	328	171	241	B0	STD	CENTRE

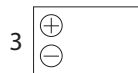


B0

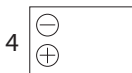
No bottom hold downs



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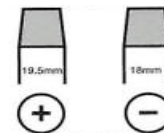


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Centre



Layout



Standard taper
(STD)



www.battery.co.za
Toll free 0800 112 600.

FIRST NATIONAL BATTERY DIVISION OF METINDUSTRIAL (Pty) LTD
Reg. No. 1949/031259/07. Liverpool Road, Industrial Sites
P.O. Box 5015, Benoni South, 1502, South Africa.

Tel: 011 741 3600 Fax: 011 421 2642. marketing@battery.co.za www.battery.co.za