



Super charging

TIGER

BATTERY



Power Driven

power from start
total convenience throughout

SMF
TECHNOLOGY

THAI STORAGE BATTERY PUBLIC COMPANY LIMITED



MAXIMUM HIGH CRANKING POWER AND LONG-LASTING PERFORMANCE THROUGHOUT LIFESPAN

Intelligent engineering design and extensive knowledgeable experience in battery production combined provides Tiger Sealed

Maintenance Free Battery high cranking power, optimal efficiency, and advantages of being user-friendly and maintenance-free.

SMF Technology is fully sealed lid battery production technology that prevents water leakage and balances acid concentration, thus no need to add distilled water throughout its lifespan.



rapid cool-down temperature

Rapid Cool-down Temperature (RCT)

system is supported by separation sheets that are durable and withstand high traction, and vertical water circulation system to reduce heat released by grids. The system prevents further damage to battery due to heat overload.



Long Lasting Lifespan

is ensured by balance control of acid concentration and corrosion-resistant grids.



double vents

Double ventilation holes

quickly and effectively reduce gas pressure resulting from internal chemical reactions and, as a result, prolong the battery's lifespan.



corrosion resistance

Corrosion Resistant Grids

are the lead/calcium grids that can withstand corrosion and consume less water compared to lead/antimony grids, thus keeping proper water level longer than conventional batteries for either general or heavy usage.



less water consumption

Less Water Consumption

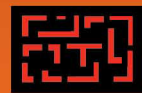
is guaranteed by sealed double lids, effectively preventing the loss of water during its lifespan and providing convenience for users who don't have to check water level.



Hi-cranking

High Cranking Start

is the result of a perfect combination of internal components within the battery that leads to a complete chemical reaction. With such meticulous formula, Tiger SMF battery is sure to offer full and maximum power during high cranking start.



maze flow

Maze Flow system

comes with specially-designed maze flow that collects water evaporating from each cell due to heat and chemical reaction. Such flow supports water condensation back into cells.



MODERN, TRUSTWORTHY, AND USER-FRIENDLY

Functions are created and tested by our battery experts, making Tiger Sealed Maintenance Free Battery from TSB outstanding for its look, practicality, and safety.



quick indicator

Quick Indicator: state-of-charge battery indicator displays three distinct stages of a battery's condition, namely satisfactory- full power, fair - charging needed, and low- change your battery.

anti-explosive

Anti Explosive: Sided net frame restrains bulging from heat and internal gas pressure due to chemical reaction.

anti-leakage

Acid Leakage Free: Sealed double lids prevent liquid leakage to ensure maximum safety.

base fitted

Base Fitted: Base hold down perfectly fits for European cars with bottom handles.

compact grip

Compact Grip: designed to fit all usage and protects your hands.

TRUSTWORTHY WITH 100 PERCENT QUALITY VERIFICATION

100 PERCENT TESTED



100% verified with high cranking test or starting.



100% verified with leak-proof test at 45 degree tilt.



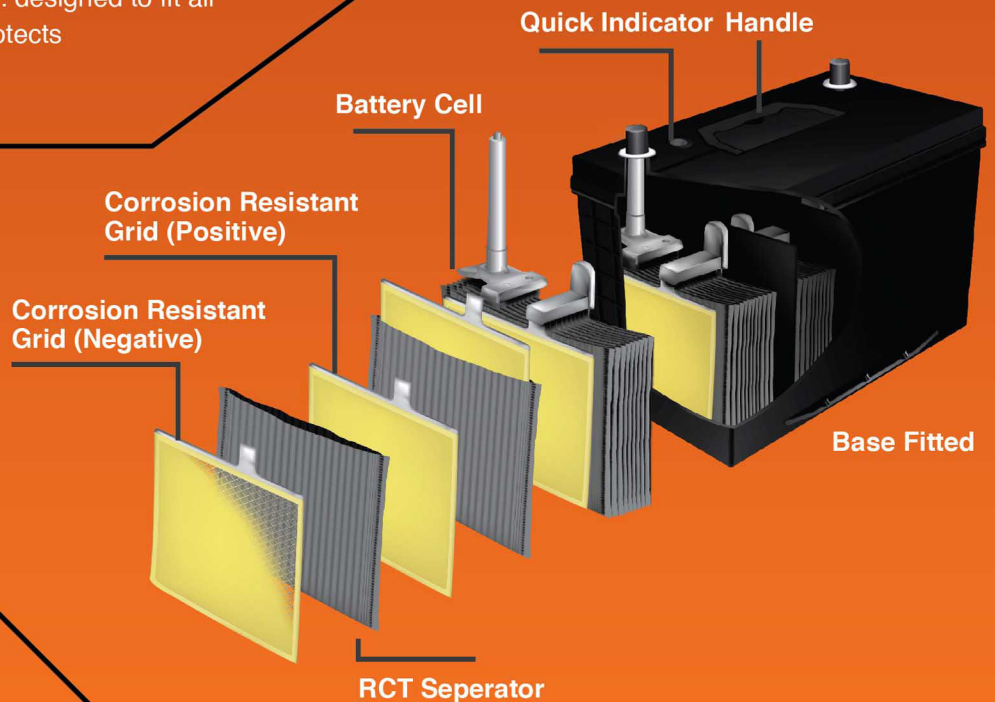
100% verified with leak-proof test for welding/sealing quality.



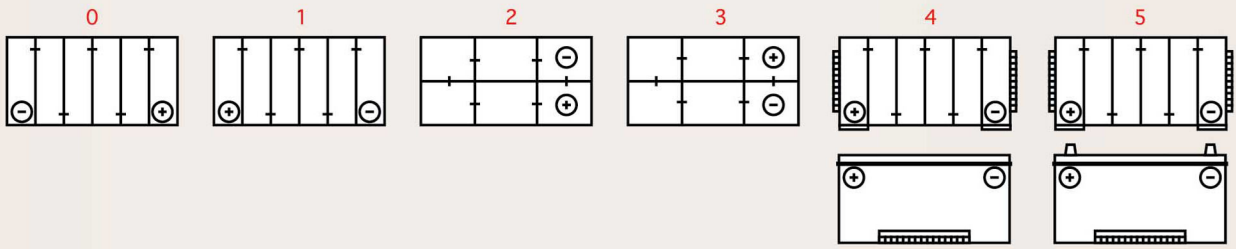
100% verified against accidental short circuits.

Every Tiger SMF Battery is 100% verified for high quality and safety throughout operating lifespan.

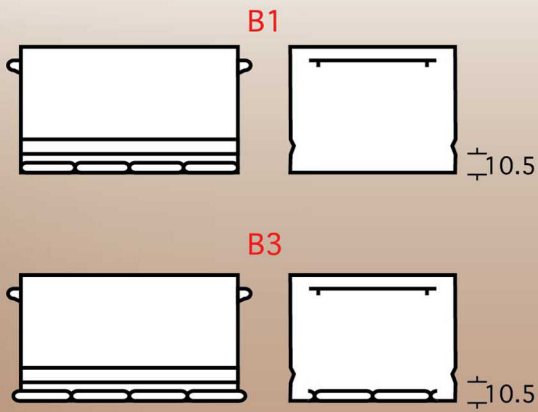
ANATOMY



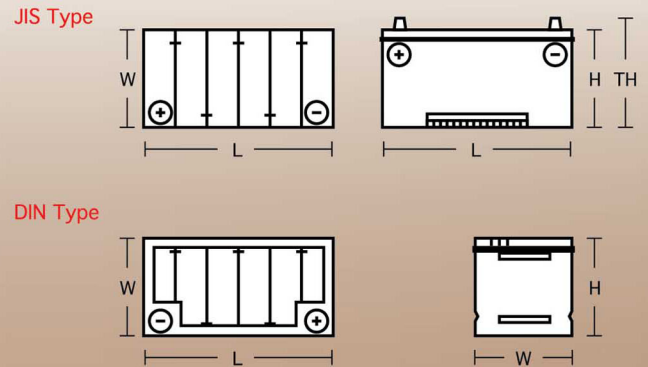
Cell Layout



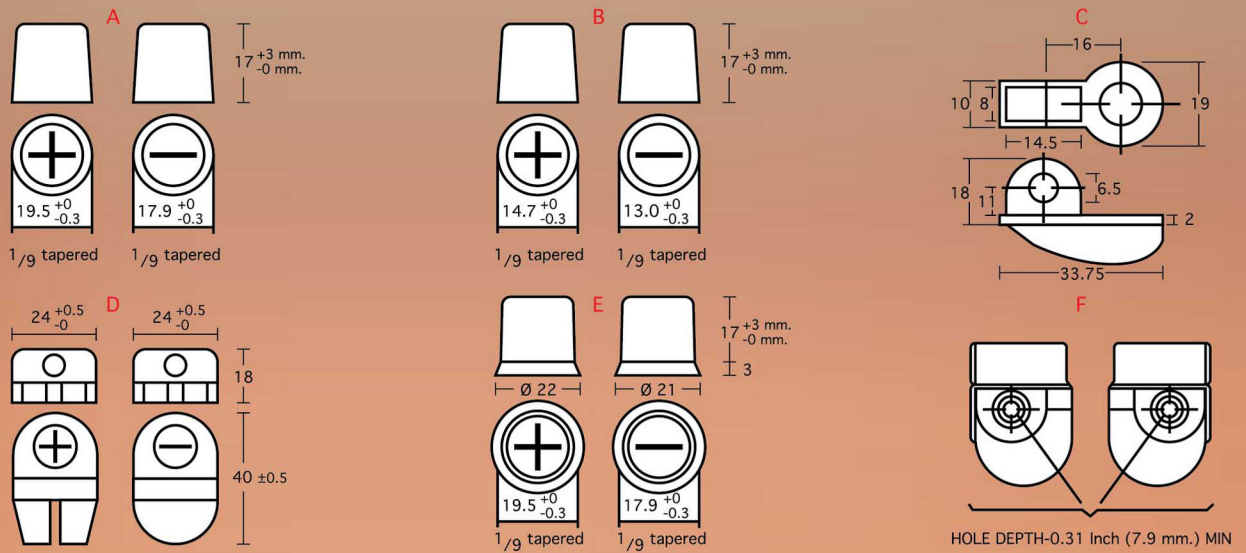
Base Hold Down



Measurement



Terminals



Sealed Maintenance Free (JIS)

For Japanese Vehicles

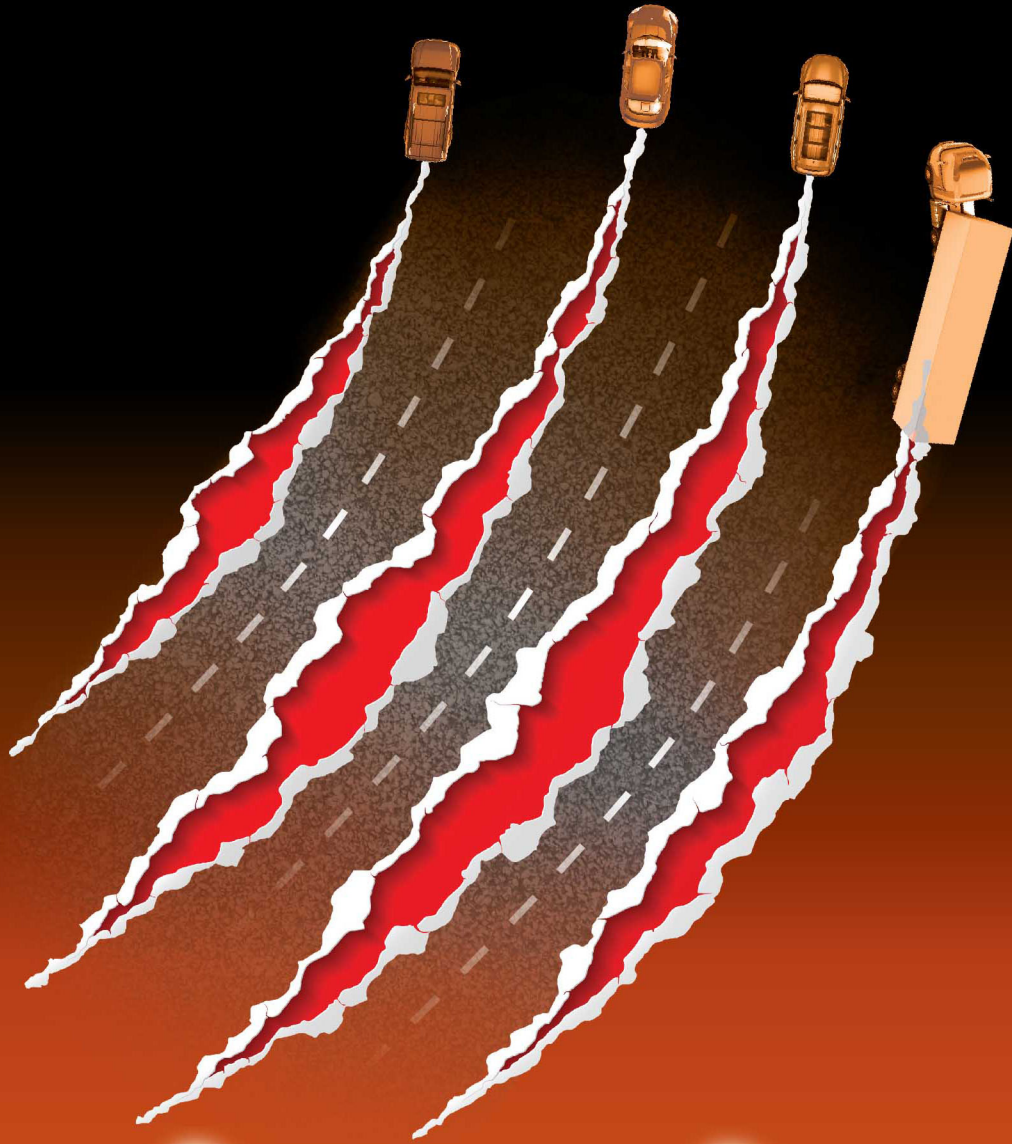
Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight (Kg)	Approx Acid/Battery (L)	Terminal Direction	Cell Layout	Base Hold Down
			L	W	H	TH					
40B19 (L)	35	10	187	127	200	222	7.6	2.2	B	1 (0)	-
46B24 (L)	45	12	236	129	200	222	9.2	3.0	B	1 (0)	-
60B24 (L)	48	13	236	129	200	222	10.2	2.9	B	1 (0)	-
48D26 (L)	50	10	257	173	203	222	10.2	4.8	A	1 (0)	B1
55D26 (L)	60	12	257	173	203	222	12.2	4.7	A	1 (0)	B1
75D26 (L)	65	13	257	173	203	222	13.4	4.6	A	1 (0)	B1
80D26 (L)	70	14	257	173	203	222	13.6	4.5	A	1 (0)	B1
65D31(L)	70	14	303	173	203	222	14.4	5.5	A	1 (0)	B1
75D31 (L)	75	15	303	173	203	222	15.1	5.4	A	1 (0)	B1
95D31 (L)	80	16	303	173	203	222	15.5	5.3	A	1 (0)	B1
105D31(L)	90	18	303	173	203	222	16.9	5.2	A	1 (0)	B1

- ★ Small terminal + terminal adapter
- B19 and B24 : No base hold down

Sealed Maintenance Free (DIN)

For European Vehicles

Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight (Kg)	Approx Acid/Battery (L)	Terminal Direction	Cell Layout	Base Hold Down
			L	W	H	TH					
LN2-55559	55	12	242	175	190	190	10.7	3.7	A	0	B3
LN2-55565	55	12	242	175	190	190	10.7	3.7	A	1	B3
LN2-56219	62	13	242	175	190	190	11.5	3.5	A	0	B3
LN2-56220	62	13	242	175	190	190	11.5	3.5	A	1	B3
LN3-56638	66	14	278	175	190	190	12.8	4.2	A	0	B3
LN3-56633	66	14	278	175	190	190	12.8	4.2	A	1	B3
LN3-57220	72	15	278	175	190	190	11.5	4.0	A	0	B3
LN3-57219	72	15	278	175	190	190	13.2	4.0	A	1	B3
LN3-57412	74	16	278	175	190	190	13.9	4.0	A	0	B3
LN3-57413	74	16	278	175	190	190	13.9	4.0	A	1	B3
LN5-58827	88	18	353	175	190	190	16.7	5.4	A	0	B3
LN5-58821	88	18	353	175	190	190	16.7	5.4	A	1	B3
LN5-59218	92	19	353	175	190	190	17.5	5.4	A	0	B3
LN5-60038	100	21	353	175	190	190	18.2	5.4	A	0	B3



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