

Automotive battery

Tuflong

JAPAN TECHNOLOGY



Thai Energy Storage Technology PLC.

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Overview

The company (formerly "Thai Storage Battery Co., Ltd.") was founded in 1986 and became a public company limited in 1994.

It has become one member of Hitachi Chemical Group in September 2017 and changed the company name to "Hitachi Chemical Storage Battery (Thailand) Public Company Limited" by the time of 3rd January 2019.

On 1st October 2020, Thai Energy Storage Technology PLC. be formed through an amalgamation between Hitachi Chemical Storage Battery (Thailand) PLC. and Hitachi Chemical Gateway Battery (Thailand) Co., Ltd.

To achieve the highest standard together with continuously increasing in production capacity and quality improvement under environmental protection, the company policy is focusing on the best quality and services toward customer's satisfaction.



What's Tuflong?

The brand Tuflong was founded in Japan more than two decades ago. In the Japanese language, "Tuf" means strength, while "long" represents outstanding long-life.

The factory in Thailand has been producing automotive batteries for more than 30 years and has been recognised as one of the top manufacturers in Southeast Asia.

The products are tuned for tropical climates, which makes it suitable for use in regions like Southeast Asia and the Middle East. Furthermore, the partnership between the factories in Thailand and Japan highlights the fact that manufacturing techniques and quality control of both countries mirror each other.

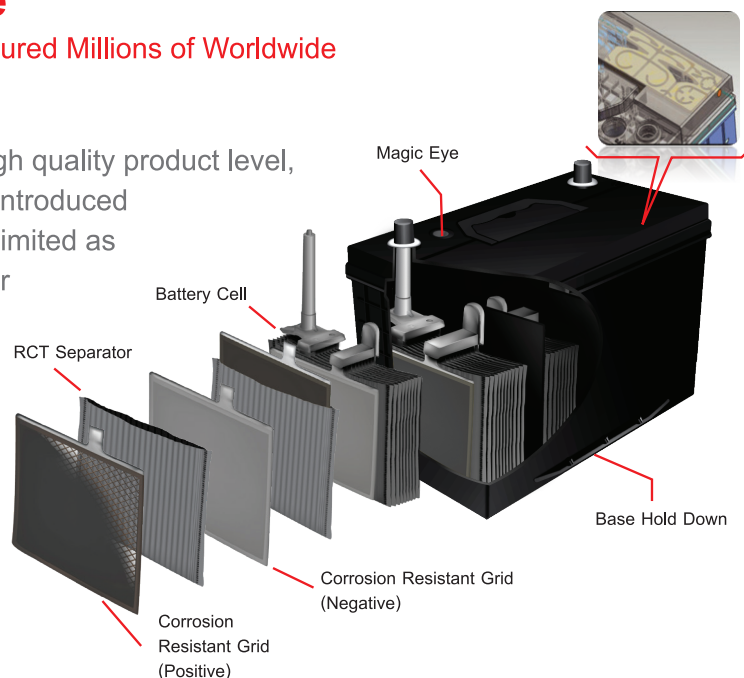


Tuflong Sealed Maintenance Free

The First in Thailand, The Absolute Power Source, Assured Millions of Worldwide

‘Tuflong Sealed Maintenance Free’

The practice-and future-oriented developments with high quality product level, Sealed Maintenance Free Battery has reputedly been introduced by Thai Energy Storage Technology Public Company Limited as the First Manufacturer in Thailand. We deliver its higher starting up ability, maximum reserve capacity, utmost durability which have always been adhering to the highest quality standard.



Sealed Maintenance Free (JIS)

For Japanese Vehicles

Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight with Acid (Kg)	Terminal Type	Base Hold Down	Cell Layout
			L	W	H	TH				
48B19R (L)	38	10	187	127	200	222	10.2	B	no	1/0
55B24R (L)	45	12	236	129	200	222	13.0	B	no	1/0
55B24LS	45	12	236	129	200	222	13.0	A	no	1/0
65B24R (L)	48	13	236	129	200	222	13.2	B	no	1/0
75D23R (L)	60	11	231	173	203	222	15.4	A	no	1/0
85D23R (L)	65	12	231	173	203	222	16.1	A	no	1/0
65D26R (L)	50	10	257	173	203	222	15.9	A	B7	1/0
75D26R (L)	65	12	257	173	203	222	17.3	A	B7	1/0
95D26R (L)	70	13	257	173	203	222	18.9	A	B7	1/0
95D31R (L)	70	14	303	173	203	222	20.3	A	B7	1/0
105D31R (L)	80	15	303	173	203	222	22.0	A	B7	1/0
125D31R (L)	95	18	303	173	203	222	22.5	A	B7	1/0

Sealed Maintenance Free (DIN)

For European Vehicles



Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight with Acid (Kg)	Terminal Type	Base Hold Down	Cell Layout
			L	W	H	TH				
54459 - LN1	44	9	207	175	190	190	12.3	A	B13	0
55559 - LN2	55	12	242	175	190	190	14.4	A	B13	0
55565 - LN2	55	12	242	175	190	190	14.4	A	B13	1
56219 - LN2	62	13	242	175	190	190	15.0	A	B13	0
56638 - LN3	66	14	277	175	190	190	16.9	A	B13	0
57412 - LN3	74	16	277	175	190	190	17.9	A	B13	0
58827 - LN5	88	18	352	175	190	190	22.1	A	B13	0
60038 - LN5	100	21	352	175	190	190	23.5	A	B13	0

Maintenance Free (DIN) For European Vehicles

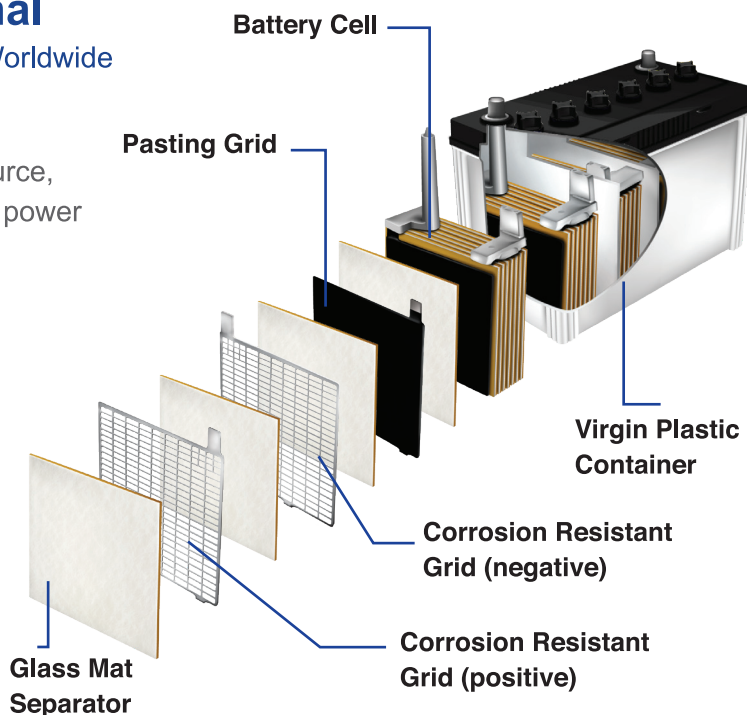
Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight with Acid (Kg)	Terminal Type	Base Hold Down	Cell Layout
			L	W	H	TH				
57113 - LBN3	71	15	278	175	175	175	17.4	A	B13	0
59042 - LN4	90	17	315	175	190	190	22.0	A	B13	0

Tuflong Dry Charged Conventional

Long Lifespan, High Power, Guaranteed Millions of Worldwide

'Tuflong Dry Charged Conventional'

The classical power solution with the strong power source, Tuflong Dry Charged Conventional utilizes full starting power as the right choice for a wide range of vehicles.



Conventional For Japanese Vehicles

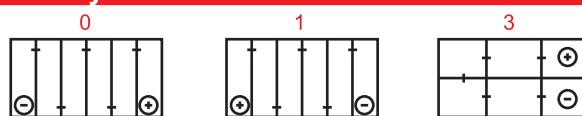
Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight (Kg)	Approx Acid/Battery (L)	Terminal Type	Cell Layout	Handle Type
			L	W	H	TH					
NS40Z (L)	35	10	197	127	200	224	6.1	2.5	B	1/0	Basket
N40 (L)	40	11	236	127	200	224	6.6	3.3	B	1/0	Basket
NS60 (L)	45	13	236	127	200	224	7.7	3.0	B	1/0	Basket
N50 (L)	50	9	258	171	202	224	9.0	5.4	A	1/0	Basket
N50Z (L)	60	11	258	171	202	224	10.6	5.2	A	1/0	Basket
NS70 (L)	65	12	258	171	202	224	11.1	5.0	A	1/0	Basket
N70 (L)	70	13	304	171	200	224	12.2	5.4	A	1/0	Basket
NS100 (L)	75	14	304	171	200	224	12.9	5.0	A	1/0	Basket
NX120-7 (L)	85	15	304	171	200	224	13.5	4.6	A	1/0	Basket
N100 (L)	100	17	407	174	209	232	16.0	5.0	A	1/0	Drop
N120	120	21	502	181	210	238	21.6	9.5	E	3	Rope/Fixed
N150	150	25	505	221	210	238	25.1	12.0	E	3	Rope/Fixed
N200	200	33	518	278	215	245	31.1	15.0	E	3	Rope/Fixed

Technical Information

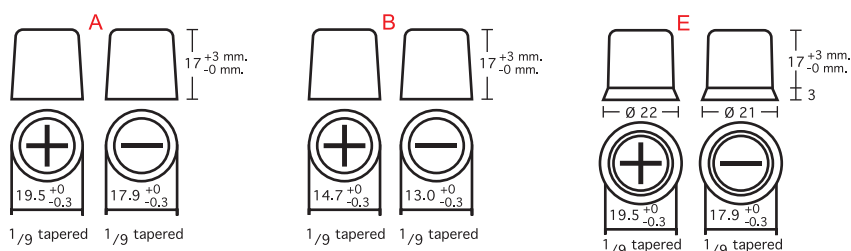
Base Hold Down



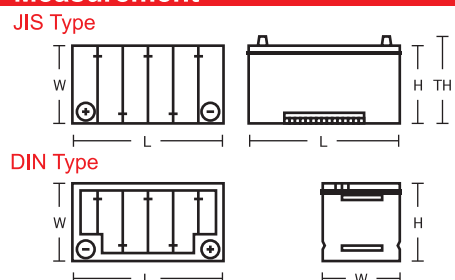
Cell Layout



Terminals



Measurement



Distributed by

Tuflong