

UNIVERSAL ENERGY STORAGE.

**TRACTION BATTERY
Catalogue**



Passion of The Leader

Contents

Company Introduction

Structure

Technology and Design

Charging and Maintenance

Specification - Traction Battery Premium Type

Specification - Traction Battery High Power Type



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Company Introduction

Satisfying the Most Demanding Users

We are proud to introduce our 3K Battery Traction batteries. Without production side more than two decades of battery production experience and knowledge - our Traction batteries are of the highest highest quality and produced with the latest State-of-the-art technology and equipment to meet and exceed our customers' needs.



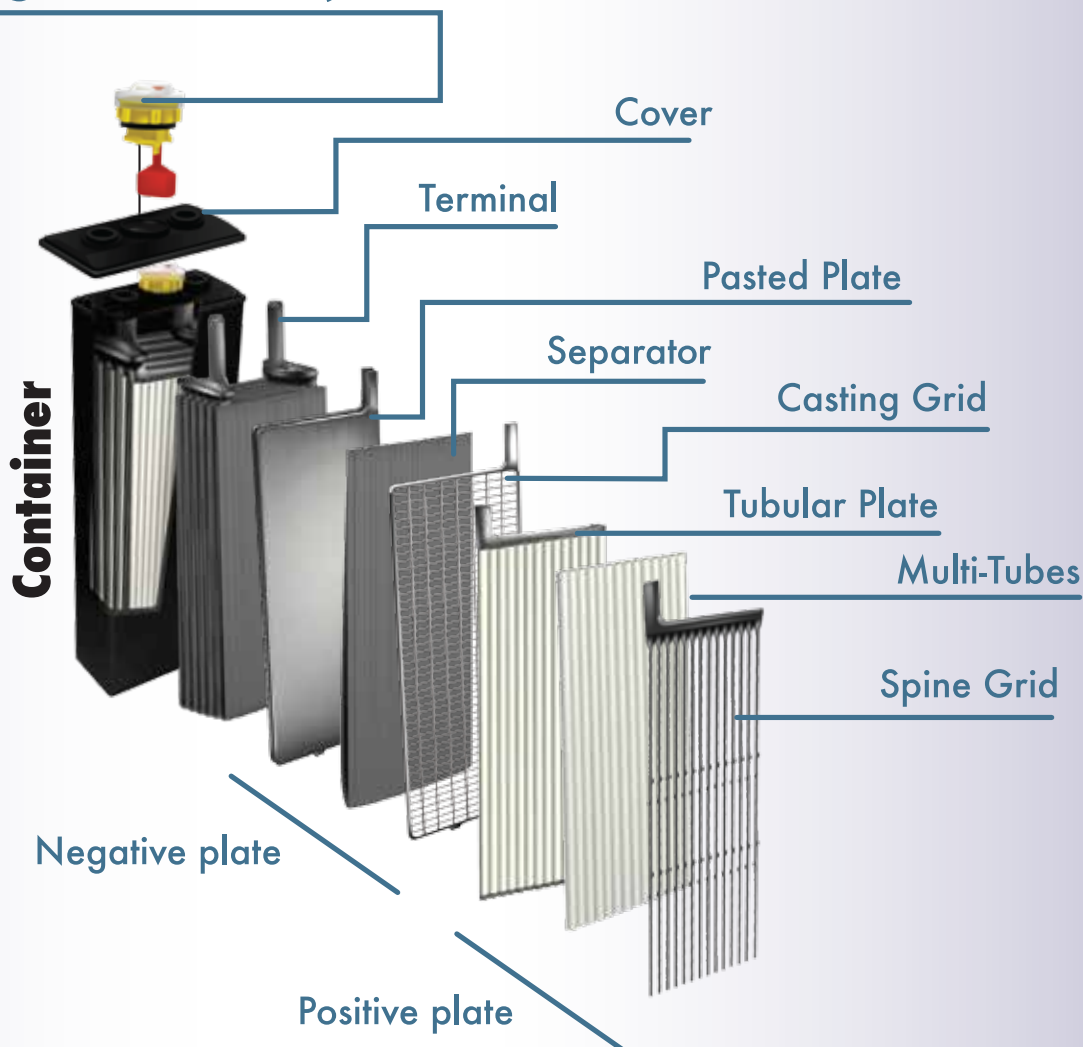
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Structure

The Right Quality Leading to The Right Solutions

3K Traction Battery comprises a range of high quality components to meet our standard.

Vent plug with Electrolyte level Indicator



Technology and Design

Sophisticated Skills Guaranteed the Higher Performance

With the advanced technology and design, long-paced technology as Thailand's first traction manufacturer and strong structure, 3K Traction Battery maintains extreme long lasting performance. With these superior features, 3K Traction Battery is categorized to be one of the best traction batteries in Thailand.

Advanced Technology to the Higher Efficiency

- Vent Type Technology
- Motive Power
- RCT
- Less Corrosion Grid
- Long Lifespan
- Injection Molding Spine Grid

Systematical Design Strengthen Durability and Ease of Use

- High Impact Resistance Container
- DIN Standard Cable
- Monitoring Vent Plugs
- Anti-Deformation Container
- Vibration Resistance Support



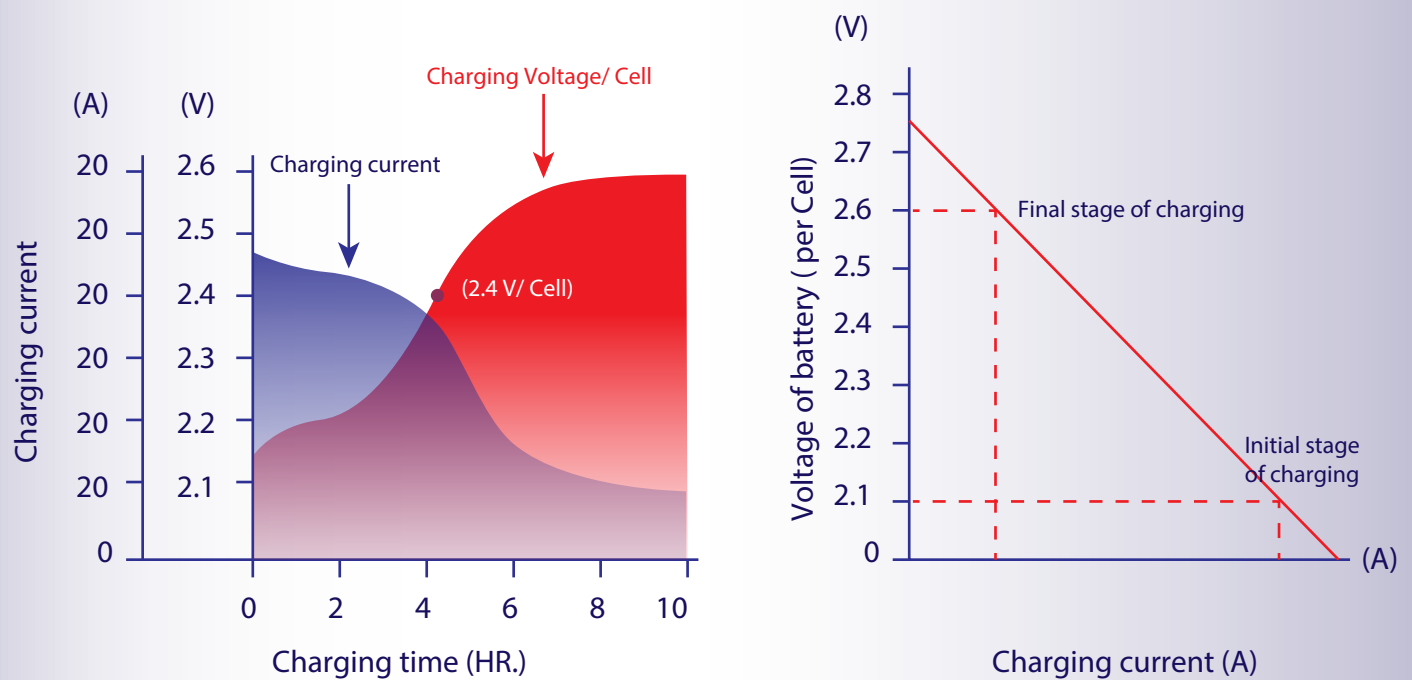
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Charging and Maintenance

Charging Characteristic

- Charging Voltage/Charging Current

We monitor the battery when the Voltage reaches 2.4 V/Cell. The charger will start counting the time for 3-4 hours and then disconnect.



- Electrolyte Level Check
- Level Sensor
- Maintenance
- Caution



Specification - Traction Battery Premium Type

CELL TYPE	5HR-RATE CAPACITY (AH)	CELL DIMENSION (mm)				WEIGHT w/ ACID (KG)	ACID AMOUNT (L)
		LENGTH	WIDTH	HEIGHT (±3 mm)	TOTAL HEIGHT (±5 mm)		
VA4	140	78	175	280	312	8.5	1.7
VA5	180	109	157	280	312	11.0	2.6
VB4	175	90	175	320	352	11.5	2.5
VB7	310	144	157	320	352	18.0	3.9
VD3A	170	61	157	395	427	10.0	1.9
VD4B	225	90	157	395	427	13.5	3.2
VD5A	265	90	157	395	427	15.5	3.1
VD6	335	109	157	395	427	19.0	4.3
VD7	390	144	157	395	427	22.5	4.9
VD7C	340	128	157	395	427	20.0	4.9
VD8AC	435	144	157	395	427	24.0	4.8
VD9AC	475	161	157	395	427	27.0	5.2
VD10AC	540	177	157	395	427	29.5	6.1
VF3A	210	61	157	490	522	12.5	2.4
VF3C	225	90	157	490	522	14.5	3.8
VF4	290	90	157	490	522	17.0	3.7
VF5	360	109	157	490	522	19.6	4.2
VF5A	350	90	158	490	522	19.3	4.2
VF6A	420	109	157	490	522	23.0	4.5
VF8	575	144	157	490	522	30.0	5.9
VF10A	700	177	158	490	522	38.0	7.6
VH3A	315	61	157	697	729	20.0	3.2
VH4A	420	78	157	697	729	26.0	4.2
VH5A	525	94	157	697	729	31.5	5.3
VH6A	630	109	157	697	729	37.5	6.1
VH7A	735	128	157	697	729	42.5	7.0
VH8	840	142	158	697	729	48.0	8.0
VH900	900	161	158	697	729	52.0	10.0
VI3A	240	61	157	518	550	13.0	2.7
VI4	320	90	157	518	550	19.5	4.0
VI4A	300	78	157	518	550	19.7	3.7
VI7C	505	128	157	518	550	27.5	5.9
VI8	645	161	157	518	550	35.0	7.5
VI9	720	190	158	518	550	39.6	8.8
VI11	935	221	158	518	550	50.0	10.5



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Specification - Traction Battery

High Power Type

CELL TYPE	5HR-RATE CAPACITY (AH)	CELL DIMENSION (mm)				WEIGHT w/ ACID (KG)	ACID AMOUNT (L)
		LENGTH	WIDTH	HEIGHT (±3 mm)	TOTAL HEIGHT (±5 mm)		
VI260	260	61	157	518	550	14.5	2.4
VI340	340	78	157	518	550	17.0	3.0
VI390	390	90	157	518	550	20.5	3.8
VI435	435	90	157	518	550	21.5	4.0
VI470	470	109	157	518	550	26.5	4.5
VI555	555	128	157	518	550	30.5	5.4
VI580	580	128	157	518	550	31.5	5.3
VI680	680	144	157	518	550	35.0	6.1
VI725	725	161	157	518	550	38.5	6.7
VI845	845	190	158	518	550	47.5	8.1
VI925	925	206	158	518	550	51.0	8.8
VD340	340	109	157	395	427	19.0	3.4
VD415	415	128	157	395	427	22.5	4.1
VD480	480	161	157	395	427	26.5	5.3
VD540	540	161	157	395	427	28.0	5.2
VD560	560	177	157	395	427	29.0	5.8
VD580	580	177	157	395	427	30.0	5.7
VD690	690	206	158	395	427	38.0	6.8
VDH485	485	144	157	409	441	25.5	4.9
VDH545	545	161	157	409	441	29.0	5.5
VDH565	565	177	157	409	441	30.0	6.1
VDH600	600	177	157	409	441	31.5	6.1
VDH700	700	206	158	409	441	38.5	7.0
VE660	660	190	157	450	481	36.8	7.3
VE720	720	206	157	450	481	38.4	7.6
VF220	220	61	157	490	522	13.0	2.4
VF340	340	90	157	490	522	19.0	3.7
VF390	390	90	158	490	522	20.5	4.0
VF400	400	109	157	490	522	22.0	3.9
VF445	445	109	157	490	522	23.0	4.4
VF515	515	128	157	490	522	27.5	5.2
VF540	540	144	157	490	522	29.5	6.5
VF730	730	177	158	490	522	39.5	7.3
VF865	865	206	158	490	522	47.0	8.0
VF935	935	221	158	490	522	50.5	9.3

DIN TYPE

2DP315	315	48	198	718	750	14.7	3.0
3D345	345	66	198	543	575	19.2	3.5
3D360	360	66	198	543	575	20.2	3.5
3DP465	465	66	198	718	750	25.8	3.0
4D460	460	84	198	593	575	26.3	4.7
4DP560	560	84	198	682	715	33.2	5.7
5D575	575	101	198	543	575	32.4	5.9
5DP700	700	102	198	682	715	41.3	7.2



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