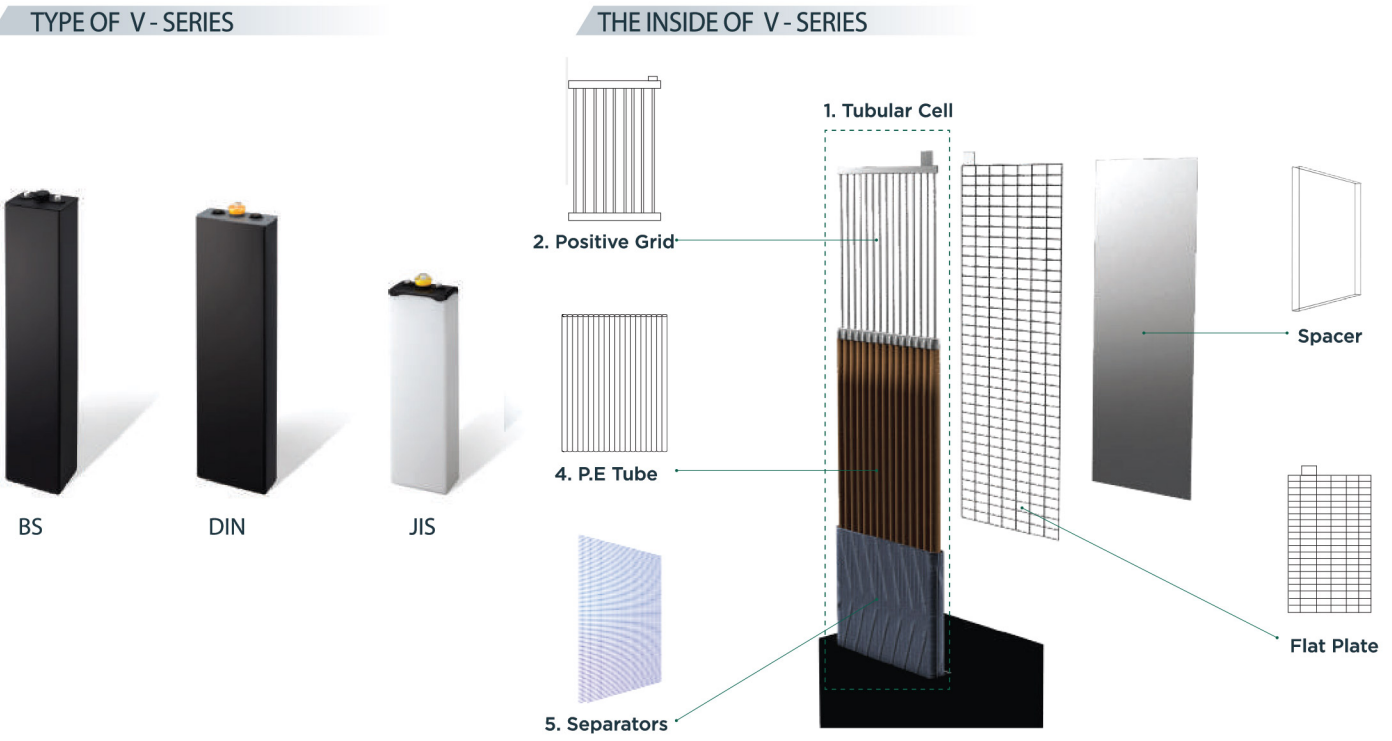


GLOBAL'S ADVANCED TECHNOLOGY OF TUBULAR PLATES AND NEW CONSTRUCTION METHOD ENSURE YOU LONGER SERVICE LIFE OF YOUR ELECTRIC VEHICLE.

Technical Features



Global's V-series are compliant to IEC 60254-2.

- 1) Tubular Cell**
Tubular type plates firmly hold active materials in right place and solve the problem of shedding once and for all, and ensure you of high capacity, strong power and minimum defect.
- 2) Positive Grid**
The grids produced by high pressure casting system have an excellent advantage in cycle life of traction cell due to its anti-corrosion characteristic.
- 3) Wet-Filler**
By Filling up equalized High-density active material in positive plate, wet-filling has an advantage in reducing capacity variation among each cells.
- 4) P.E Tube**
P.E Tube is more environmental friendly compared to Glass Tube, contributed by no use of phenol resin.
- 5) Separator**
Sleeving Type Separator is optimized for preventing short circuit.
- 6) Rubber Bushing**
Rubber bushing around terminal protects cover breakage and keeps plates safe from the external shocks and vibration.
- 7) Heat-Sealed Case and Cover**
The cases and covers are made of polypropylene, which are high impact resistant and heat-sealed for perfect leak proof assembly.
- 8) One-touch Vent Plug**
The transparent pop-up vent plugs with acid level indication floats are used to easily indicate acid level and convenient for easier/simpler refilling maintenance.



SERVICE CENTERS
AND SERVICE DEALERS

ศูนย์บริการและตัวแทนจำหน่าย



UNITED MOTOR WORKS (SIAM)
PUBLIC COMPANY LIMITED

HEAD OFFICE
No. 2 Phahon Yothin Road, Tambol Prachathipat,
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ROCKET

Electric
Traction Battery

BS, JIS, DIN, BCI TYPE SERIES



UNITED
MOTOR WORKS (SIAM)
PUBLIC COMPANY LIMITED

JIS Type Specification

Item	Nominal Capacity (Ah/5Hr)	Dimensions(mm)				Weight With electrolyte (kg) [± 5%]
		L (± 2mm)	W (± 2mm)	H (± 3mm)	TH (± 5mm)	
VCD170	170	61	158	395	427	10.4
VCD210	210	90	158	395	427	14.3
VCD250	250	90	158	395	427	15.9
VCD270	270	109	158	395	427	17.5
VCD320	320	128	158	395	427	20.6
VCD400	400	143	158	395	427	23.5
VCD450	450	159	158	395	427	26.4
VCD500	500	175	158	395	427	29.3
VCD550	550	191	158	395	427	32.2
VCD5450	450	143	158	395	427	25.1
VCD5500	500	159	158	395	427	28
VCDH170	170	61	158	409	441	10.5
VCDH220	220	76	158	409	441	13.8
VCDH275	275	90	158	409	441	16.7
VCDH350	350	109	158	409	441	19.6
VCDH400	400	128	158	409	441	22.7
VCDH460	460	143	158	409	441	25.6
VCDH520	520	159	158	409	441	28.6
VCDH580	580	175	158	409	441	31.5
VCDH630	630	191	158	409	441	34.4
VCE260	260	76	158	453	485	15.4
VCE450	450	128	158	453	485	26.1
VCE540	540	159	158	453	485	30.9
VCE545	545	175	158	453	485	32.3
VCE600	600	175	158	453	485	34.3
VCE650	650	175	158	453	485	36.2
VCE660	660	191	158	453	485	37.7
*VCE690	690	241	158	453	485	44.6
*VCE715	715	191	158	453	485	40.1
*VCE740	740	241	158	453	485	46.5
*VCE850	850	241	158	453	485	48.5
*VCE910	910	241	158	453	485	50.5
*VCE5740	740	191	158	453	485	40.1
*VCE5740(OPT)	740	203	158	453	485	41.2
*VCE5800	800	203	158	453	485	43.1
*VCE5870	870	222	158	453	485	46.8
*VCE5870(OPT)	870	241	158	453	485	48.5
VCF5201	201	61	158	490	522	12.8
VCF3	201	70	158	490	522	13.6
VCF3PS	201	76	158	490	522	14.2
VCF268	268	76	158	490	522	16.2
VCF280	280	90	158	490	522	17.6
VCF335	335	90	158	490	522	19.7
VCF350	350	109	158	490	522	21.4
VCF400	400	109	158	490	522	23.4
VCF6	402	128	158	490	522	25.2
VCF545	545	159	158	490	522	32.2
VCF5545	545	143	158	490	522	31.7
*VCF5670	670	175	158	490	522	38.3
VCI220	220	76	158	519	551	15.3
VCI225	225	61	158	519	551	13.8
VCI230	230	70	158	519	551	14.7
VCI300	300	76	158	519	551	17.6
VCI335	335	90	158	519	551	19.8
VCI360	360	109	158	519	551	23.3
VCI365	365	90	158	519	551	21.3
VCI410	410	109	158	519	551	25.5
VCI440	440	109	158	519	551	25.5
VCI505	505	128	158	519	551	29.8
VCI510	510	148	158	519	551	31.9
VCI525	525	128	158	519	551	29.6
VCI536	536	143	158	519	551	31.4
VCI575	575	148	158	519	551	34.1
VCI585	585	148	158	519	551	34.1
*VCI685	685	185	158	519	551	40.7
*VCI737	737	203	158	519	551	44.8
*VCI740	740	185	158	519	551	42.9
*VCI820	820	203	158	519	551	47
*VCI825	825	185	158	519	551	45.1
*VCI845	845	203	158	519	551	49.2
*VCI900	900	222	158	519	551	51.2
*VCI990	990	241	158	519	551	55.4
VCI5468	468	128	158	519	551	27.5
VCI5540	540	128	158	519	551	29.8
VCI5565	565	128	158	519	551	30.3
*VCI5600	600	143	158	519	551	34
*VCI5750	750	175	158	519	551	41.8
*VCI5825	825	191	158	519	551	45.7
*VCI5900	900	203	158	519	551	49.2
*VCI51080	1080	241	158	519	551	57.7
VCJ3	300	61	158	691	723	18.6
VCJ4	400	76	158	691	723	23.8
VCJ5	500	90	158	691	723	28.9
VCJ6	600	109	158	691	723	34.6
VCJ7	700	128	158	691	723	40.3
*VCJ8	800	143	158	691	723	46
*VCP600	600	191	158	453	480	38
*VCP900	900	241	158	512	539	52.9

DIN type (PzS service) Specification

Plate Type	Cell type	Capacity	Dimensions(mm)				Weight With
		(Ah/5Hr)	L ± 2	W ± 2	H ± 3	TH ± 5	With Acid
60 Ah	3PzS180	180	65	198	340	365	12.4
	4PzS240	240	83	198	340	365	16.1
	5PzS300	300	101	198	340	365	19.7
	6PzS360	360	119	198	340	365	23.2
80 Ah	3PzS240	240	65	198	405	430	15.6
	4PzS320	320	83	198	405	430	20.2
	5PzS400	400	101	198	405	430	24.7
	6PzS480	480	119	198	405	430	29.3
90 Ah	3PzS270	270	65	198	473	498	17.6
	4PzS360	360	83	198	473	498	22.8
	5PzS450	450	101	198	473	498	27.9
	6PzS540	540	119	198	473	498	33
105 Ah	3PzS315	315	65	198	511	536	19.6
	4PzS420	420	83	198	511	536	25.3
	5PzS525	525	101	198	511	536	31.1
	6PzS630	630	119	198	511	536	36.8
115 Ah	3PzS345	345	65	198	545	570	21
	4PzS460	460	83	198	545	570	27.3
	5PzS575	575	101	198	545	570	33.5
	6PzS690	690	119	198	545	570	39.7
125 Ah	3PzS375	375	65	198	574	599	22.4
	4PzS500	500	83	198	574	599	29.1
	5PzS625	625	101	198	574	599	35.8
	6PzS750	750	119	198	574	599	42.5
140 Ah	3PzS420	420	65	198	686	711	25.9
	4PzS560	560	83	198	686	711	33.6
	5PzS700	700	101	198	686	711	41
	6PzS840	840	119	198	686	711	48.7
155 Ah	3PzS465	465	65	198	719	744	27.7
	4PzS620	620	83	198	719	744	35.9
	5PzS775	775	101	198	719	744	44.1
	6PzS930	930	119	198	719	744	52.3

All specification can be changeable with or without notice. | ±5% filled and charged cell weight

BCI type (85T/125T service) Specification

	Cell Type	Capacity (Ah/5Hr)	Dimensions(mm)				Weight With With Acid
			L ± 2	W ± 2	H ± 3	TH ± 5	
Standard Type	85T-07	255	70	158	519	551	15.4
	85T-09	340	90	158	519	551	19.5
	85T-11	425	109	158	519	551	23.9
	85T-13	510	128	158	519	551	28.2
	85T-15	595	148	158	519	551	32.7
	*85T-17	680	165	158	519	551	37.2
	*85T-19	765	185	158	519	551	41.6
	*85T-21	850	203	158	519	551	45.9
	*85T-23	935	222	158	519	551	50.2
	*85T-25	1020	241	158	519	551	54.5
	125T-11	625	108	158	724	754	36
	125T-13	750	127	158	724	754	42.4
	125T-15	875	146	158	724	754	48.8
	*125T-17	1000	165	158	724	754	56.7
High Capacity Type	85T-09(H/C)	425	90	158	519	551	21.8
	85T-11(H/C)	510	109	158	519	551	26.2
	85T-13(H/C)	595	128	158	519	551	30.5
	85T-15(H/C)	680	148	158	519	551	35
	*85T-17(H/C)	765	165	158	519	551	39.5
	*85T-19(H/C)	850	185	158	519	551	44
	*85T-21(H/C)	935	203	158	519	551	48.2
	*85T-23(H/C)	1020	222	158	519	551	52.5
	*85T-25(H/C)	1106	241	158	519	551	56.8
	125T-11(H/C)	750	108	158	724	754	40.4
	125T-13(H/C)	875	127	158	724	754	46.2
	125T-15(H/C)	1000	146	158	724	754	52.9
	*125T-17(H/C)	1125	165	158	724	754	60.8

All specification can be changeable with or without notice. | ±5% filled and charged cell weight | (*) : Double pole post

Battery Characteristic

