



UNIVERSAL BATTERY PART NUMBERS

 FOR JAPANESE VEHICLES (JIS CMF series)

JIS Group	JIS No.		Capacity(AH)		-18°C CCA (Amps)	RC (MIN)	MAX. Overall Dimension(mm)				Lay-Out	Terminal	Weight (KGS)
	New	Old	20Hr	5Hr			L	W	H	TH			
B19	42B19R	NS40Z	35	28	332	52	187	127	199	219	1	B	9.6
	42B19L	NS40ZL	35	28	332	52	187	127	199	219	0	B	9.6
B24	55B24R	NS60(S)/L NX110-S6	45	36	433	80	236	128	200	220	1	B	12.9
	55B24L		45	36	433	80	236	128	200	220	0	B	12.9
	55B24RS		45	36	433	80	236	128	200	220	1	A	12.9
	55B24LS		45	36	433	80	236	128	200	220	0	A	12.9
D23	65D23R	-	55	44	450	85	230	168	200	220	1	A	15.5
	65D23L	-	55	44	450	85	230	168	200	220	0	A	15.5
	75D23R	-	65	52	550	110	230	168	200	220	1	A	16.0
	75D23L	-	65	52	550	110	230	168	200	220	0	A	16.0
D26	48D26R	N50	50	40	350	81	260	168	200	220	1	A	15.2
	48D26L	N50L	50	40	350	81	260	168	200	220	0	A	15.2
	55D26R	N50Z	60	48	500	100	260	168	200	220	1	A	16.6
	55D26L	N50ZL	60	48	500	100	260	168	200	220	0	A	16.6
	85D26R	NX110-5 NS70	70	56	630	133	260	168	200	220	1	A	18.2
	85D26L		70	56	630	133	260	168	200	220	0	A	18.2
D31	65D31R	N70	70	56	600	120	301	172	200	220	1	A	20.5
	65D31L	N70Z	70	56	600	120	301	172	200	220	0	A	20.5
	105D31R	NX120-7	90	72	750	165	301	172	200	220	1	A	23.1
	105D31L	NX120-7L	90	72	750	165	301	172	200	220	0	A	23.1
CMF100	CMF100R	-	100	80	750	175	324	172	204	224	1	A	24.0
	CMF100L	-	100	80	750	175	324	172	204	224	0	A	24.0
E41	115E41R	N100	100	80	750	175	403	173	209	231	1	A	24.5
	115E41L	N100L	100	80	750	175	403	173	209	231	0	A	24.5
	130E41R	NS120	110	88	850	185	403	173	209	231	1	A	26.0
	130E41L	NS120L	110	88	850	185	403	173	209	231	0	A	26.0
F51	130F51	N120	120	96	850	230	503	182	208	230	4	A	33.5
	140F51	NS150	140	112	950	250	503	182	208	230	4	A	35.0
G51	155G51	N150	150	120	1000	300	503	216	208	230	4	A	41.0
	165G51	NS200	170	136	1050	320	503	216	208	230	4	A	42.0
H52	190H52	N200	200	160	1100	430	503	261	217	239	4	A	53.0

 FOR EUROPEAN VEHICLES (DIN CMF series)

DIN Group	Type No. (DIN)	Capacity 20Hr(AH)	-18°C CCA (Amps)		MAX. Overall Dimension(mm)				Lay-Out	Terminal	Base Hold down	Weight (KGS)
			DIN	SAE	L	W	H	TH				
LB1	53624	36	175	330	208	173	173	173	0	A	B1	11.0
	53638	36	175	330	208	173	173	173	1	A	B1	11.0
	53518	36	175	330	208	173	173	173	0	A	B3	11.0
	53519	36	175	330	208	173	173	173	1	A	B3	11.0
L1	54459	44	210	380	208	173	188	188	0	A	B3	12.0
	54464	44	210	380	208	173	188	188	1	A	B3	12.0
LB2	54519	45	220	400	242	173	173	173	0	A	B4	13.0
	55040	50	300	490	242	173	173	173	0	A	B3	13.5
L2	55559	55	255	450	242	173	188	188	0	A	B3	14.6
	55565	55	255	450	242	173	188	188	1	A	B3	14.6
	56219	62	280	500	242	173	188	188	0	A	B3	15.5
	56220	62	280	500	242	173	188	188	1	A	B3	15.5
L3	56638	66	300	550	275	173	188	188	0	A	B3	17.0
	57412	74	350	650	275	173	188	188	0	A	B3	18.0
	57413	74	350	650	275	173	188	188	1	A	B3	18.0
L5	58827	88	395	750	354	173	188	188	0	A	B3	22.0
	60038	100	450	800	354	173	188	188	0	A	B3	23.0
	62034	120	450	850	503	182	193	214	3	A	-	33.5
	62038	120	450	850	503	182	193	214	4	A	-	33.5
	64020	140	500	950	503	182	193	214	3	A	-	35.0
	64317	143	540	1000	503	216	193	214	3	A	-	41.0
	64318	143	540	1000	503	216	193	214	4	A	-	41.0
	67018	170	600	1050	503	216	193	214	3	A	-	42.0
	70027	200	650	1100	503	261	217	239	3	A	-	53.0
	70029	200	650	1100	503	261	217	239	4	A	-	53.0
	53520	35	150	340	187	127	199	219	0	B	-	9.6
	53522	35	150	340	187	127	199	219	1	B	-	9.6
	54523	45	190	430	236	128	200	220	0	A	-	12.9
	54524	45	190	430	236	128	200	220	1	A	-	12.9
	54551	45	190	430	236	128	200	220	1	B	-	12.9
	54584	45	190	430	236	128	200	220	0	B	-	12.9
	54577	45	190	430	217	134	200	220	0	A	B1	11.5
	54578	45	190	430	217	134	200	220	0	B	B1	11.5
	54579	45	190	430	217	134	200	220	1	A	B1	11.5
	54580	45	190	430	217	134	200	220	1	B	B1	11.5
	56068	60	235	550	230	168	200	220	0	A	-	16.0
	56069	60	235	550	230	168	200	220	1	A	-	16.0
	57512	75	340	600	301	172	200	220	0	A	-	20.5
57513	75	340	600	301	172	200	220	1	A	-	20.5	
59615	96	380	750	324	172	204	224	0	A	-	24.0	
59616	96	380	750	324	172	204	224	1	A	-	24.0	
60016	100	380	750	403	173	209	231	0	A	-	24.5	

 FOR JAPANESE VEHICLES (JIS Conventional series)

JIS Group	JIS No.		Capacity		-18°C CCA	RC	Dimension(mm)				Lay-Out	Terminal	Weight		Remarks
	New	Old	20Hr	5Hr			L	W	H	TH			W/O Acid	Acid volume	
A19	30A19L	12N24-3	30	24	230	42	186	126	160	177	0	C	5.8	1.8	
	30A19R	12N24-4	30	24	230	42	186	126	160	177	1	C	5.8	1.8	
B20	32B20R	NS40	35	26	250	52	196	128	194	216	1	A,B	6.9	2.4	
	32B20L	NS40L	35	26	250	52	196	128	194	216	0	A,B	6.9	2.4	
	36B20R	NS40Z	35	28	250	52	196	128	194	216	1	A,B	6.9	2.4	
	36B20L	NS40ZL	35	28	250	52	196	128	194	216	0	A,B	6.9	2.4	
C24	32C24R	N40	40	32	280	72	234	132	197	219	1	A	7.6	2.9	
	32C24L	N40L	40	32	280	72	234	132	197	219	0	A	7.6	2.9	
B24	46B24R	NS60	45	36	360	80	236	128	200	220	1	B	8.8	2.9	
	46B24L	NS60L	45	36	360	80	236	128	200	220	0	B	8.8	2.9	
	46B24RS	NS60S	45	36	360	80	236	128	200	220	1	A	8.8	2.9	
	46B24LS	NS60SL	45	36	362	80	236	128	200	220	0	A	8.8	2.9	
D26	48D26R	N50	50	40	360	90	258	168	202	222	1	A	9.5	4.8	PH
	48D26L	N50L	50	40	360	90	258	168	202	222	0	A	9.5	4.8	PH
	55D26R	N50Z	60	48	440	110	258	168	202	222	1	A	11.3	4.5	PH
	55D26L	N50ZL	60	48	440	110	258	168	202	222	0	A	11.3	4.5	PH
	65D26R	NS70	65	52	520	140	258	168	202	222	1	A	13.0	4.3	PH
	65D26L	NS70L	65	52	520	140	258	168	202	222	0	A	13.0	4.3	PH
D31	65D31R	N70	70	56	520	140	301	172	202	223	1	A	13.3	5.7	PH
	65D31L	N70L	70	56	520	140	301	172	202	223	0	A	13.3	5.7	PH
	75D31R	N70Z	75	60	580	155	301	172	202	223	1	A	13.9	5.4	PH
	75D31L	N70ZL	75	60	580	155	301	172	202	223	0	A	13.9	5.4	PH
	105D31R	NX120-7	90	72	650	159	302	172	202	223	1	A	15.1	5.6	PH
	105D31L	NX120-7	90	72	650	159	302	172	202	223	0	A	15.1	5.6	PH
E41	105E41R	N100	100	80	720	190	403	173	209	231	1	A	17.5	7.1	H
	105E41L	N100L	100	80	720	190	403	173	209	231	0	A	17.5	7.1	H
F51	115F51	N120A	110	88	720	210	503	182	212	234	4	A	20.2	9.4	H
	130F51	N120	120	96	750	230	503	182	212	234	4	A	22.1	9.2	H
	130F51	N120	120	96	750	230	503	182	212	234	4	A	22.1	9.2	H
G51	145G51	N135	135	108	820	290	508	221	211	232	4	A	24.3	11.9	H
	155G51	N150	150	120	900	310	508	221	211	232	4	A	26.0	11.4	H
	155G51	N150	150	120	900	310	508	221	211	232	4	A	26.0	11.4	H
H52		N200A	185	148	1000	390	508	271	217	239	4	A	32.5	13.9	H
	190H52	N200	200	160	1200	430	508	271	217	239	4	A	34.2	14.1	H
		6TN	100	80	680	182	271	264	206	229	2	A	18.7	6.8	H
HEAVY DUTY TRUCK	115E41	NS120	110	88	780	212	405	173	208	230	3/4	A	19.90	8.78	H
	130E41	NX200	115	92	820	230	405	173	208	230	3/4	A	20.90	7.03	H
	145F51	NS150	140	112	950	280	503	182	213	257	3/4	A	24.20	11.39	H,PH
	150F51	NT200-12	130	108	920	270	503	182	213	257	3/4	A	23.40	11.48	H,PH
	170F51	NX250-12	150	120	1060	305	503	182	213	257	3/4	A	26.00	11.52	H,PH
	165G51	NS200	170	136	1100	358	509	221	213	257	3/4	A	29.70	14.03	H,PH
	195G51	NX300-15	175	140	1160	365	509	221	213	257	3/4	A	30.50	13.94	H,PH

 FOR EUROPEAN VEHICLES (DIN Conventional series)

Type No. (DIN)	Capacity 20Hr(AH)	-18°C CCA (Amps)	MAX. Overall Dimension(mm)				Lay-Out	Terminal	Base Hold- Downs	Weight		Remarks
			L	W	H	TH				W/O Acid	Acidvol ume	
53518	35	175	208	175	175	175	0	A	B3	8.2	2.7	M
53520	35	150	196	128	194	216	0	B	-	6.9	2.4	
53521	35	150	196	128	194	216	0	A	-	6.9	2.4	
53522	35	150	196	128	194	216	1	B	-	6.9	2.4	
53646	36	175	208	175	175	175	0	A	B4	8.1	2.7	M
53653	36	175	208	175	175	175	0	A	B1	8.1	2.7	M
54459	44	210	208	175	194	194	0	A	B3	9.0	3.1	M
54464	44	210	208	175	194	194	1	A	B3	9.0	3.1	M
54519	45	220	240	175	175	175	0	A	B4	9.7	3.2	M
54523	45	180	236	128	200	220	0	A	-	8.7	2.9	
54524	45	180	236	128	200	220	1	A	-	8.7	2.9	
54551	45	180	236	128	200	220	1	B	-	8.7	2.9	
54584	45	180	236	128	200	220	0	B	-	8.7	2.9	
55040	50	255	241	175	175	175	0	A	B3	11.5	2.8	M
55414	54	265	287	175	175	175	0	A	B4	11.3	3.7	M
55559	55	255	241	173	189	189	0	A	B3	10.8	3.8	M
55565	55	255	241	173	189	186	1	A	B3	10.8	3.8	M
56048	60	235	271	168	203	225	0	A	B9	11.3	4.5	
56049	60	235	271	168	203	225	1	A	B9	11.3	4.5	
56068	60	235	229	169	199	220	0	A	-	11.6	3.9	N
56069	60	235	229	169	199	220	1	A	-	11.6	3.9	N
56318	63	300	287	175	175	175	0	A	B4	12.8	4.1	M
56638	66	300	300	175	190	190	0	A	B3	12.6	4.2	M
57024	70	315	265	168	202	222	1	A	B9	13.0	4.3	
57029	70	315	265	168	202	222	0	A	B9	13.0	4.3	
57113	71	400	280	174	174	174	0	A	B3/B4	13.2	3.75	M
57220	72	420	300	175	190	190	0	A	B3	14.9	3.5	M
57512	75	320	301	172	202	223	0	A	-	13.3	5.7	
57513	75	320	301	172	202	223	1	A	-	13.3	5.7	
58517	85	450	354	175	175	175	0	A	B3/B4	16.72	4.84	M
58827	88	395	377	175	190	190	0	A	B3	16.2	5.4	M
59017	90	260	330	173	207	228	0	A	-	15.3	5.7	
59018	90	260	330	173	207	228	1	A	-	15.3	5.7	
59218	92	450	377	175	190	190	0	A	B3	16.8	5.5	M
59615	96	360	330	173	207	228	0	A	-	17.0	5.7	
59616	96	360	330	173	207	228	1	A	-	17.0	5.7	
60013	100	440	270	265	205	227	2	A	-	18.7	6.8	H
60016	100	360	403	173	209	231	0	A	-	17.4	7.1	H
61023	110	450	513	175	212	212	3	A	B3	20.9	8.1	H
62034	120	420	515	190	193	214	3	A	-	22.1	9.6	H
62038	120	420	515	190	193	214	4	A	-	22.1	9.6	H
63513	135	420	508	221	211	232	3	A	-	24.2	11.6	H
63588	135	420	508	221	211	232	4	A	-	24.2	11.6	H
64020	140	460	515	190	193	214	3	A	-	25.5	9.6	H
64317	143	540	514	222	193	214	3	A	-	25.8	11.4	H
64318	143	540	514	222	193	214	4	A	-	25.8	11.4	H
64323	143	570	513	218	213	213	3	A	B3	27.8	11.4	H
66514	165	540	514	222	193	214	3	A	-	27.7	11.6	H
66516	165	540	514	222	193	214	4	A	-	27.7	11.6	H
67018	170	600	514	222	193	214	3	A	-	29.4	11.6	H
68021	180	570	508	271	217	239	3	A	-	30.8	13.6	H

6 Volt GOLF CAR, Electric Vehicle & Motive Power Batteries (3 Cells)

BCI Group Size	Part NO.	Cranking Performance at 0°F(Amps)	Reserve Capacity at 80°F(MIN)	MAX. Overall Dimension(mm)				Cell Lay-Out	Terminal	Weight W/O Acid(KGS)	Acid Volume (Approx. l)	Remarks
				Length	Width	Height	T. Height					
GC2	GC2-57	220	100	258	178	245	277	19	I	22.5	5.1	H

EB BATTERY 12 Volt

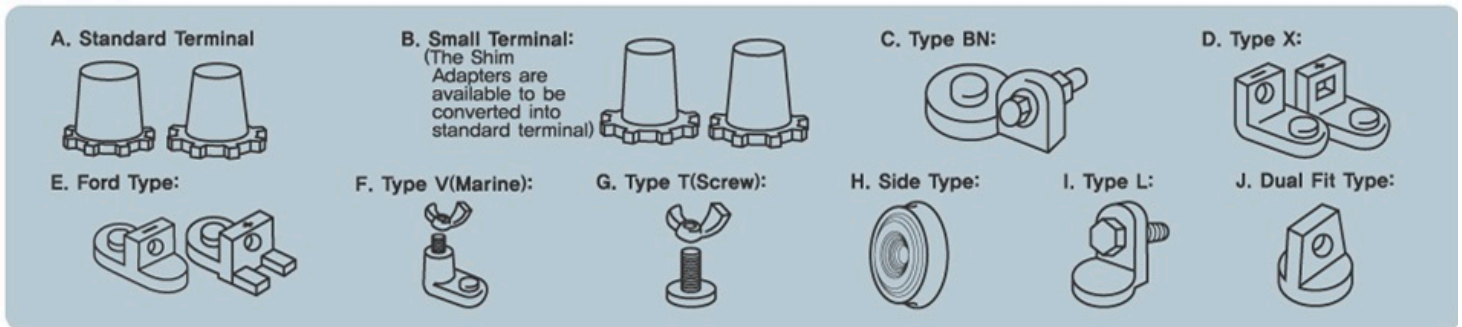
Battery Type	Part NO.	Capacity at 5HR Rate(AH)	MAX. Overall Dimension(mm)				Cell Lay-Out	Terminal	Weight With Acid(KGS)	Remarks
			Length	Width	Height	T. Height				
EB	35	35	236	128	200	233	1	I	13.9	
		35	236	128	200	220	1	A	13.7	
	65	65	301	172	202	236	1	I	24.5	PH
		65	301	172	202	223	1	A	24.4	PH
	100	100	405	173	211	246	1	I	35.4	PH
		100	405	173	211	241	1	A	35.3	PH
	120	120	503	184	213	257	3	I	41.7	PH
		120	503	184	213	257	3	A	41.6	PH
	140	140	509	222	213	257	3	I	49.40	PH
		140	509	222	213	257	3	A	49.30	PH

Subject to change without notice

■ ALL Batteries are Made of Polypropylene Container Cover.

■ Remarks: H-With Carrying Rope Handle PH-With Fixed Plastic Handle on the Cover
 M-Cover with Central Ventilation N-Built-in Indicator

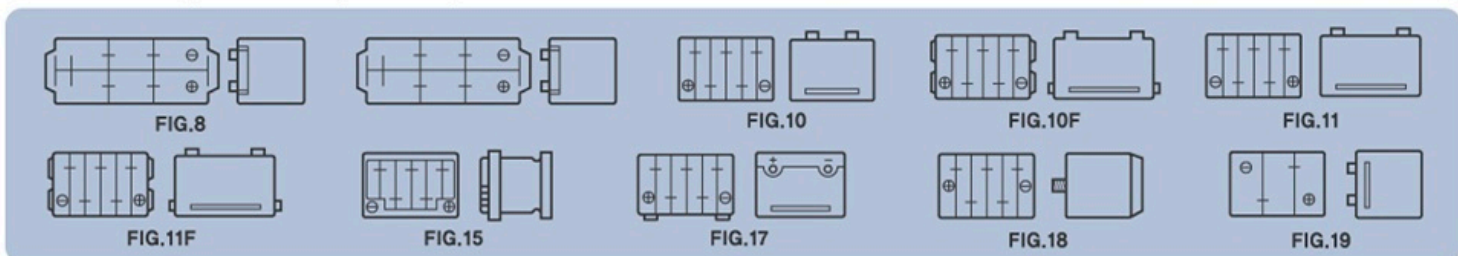
Terminal



Base Hold-Down



BCI Assembly Numbers, Cell Lay-out



Cell Lay-out

