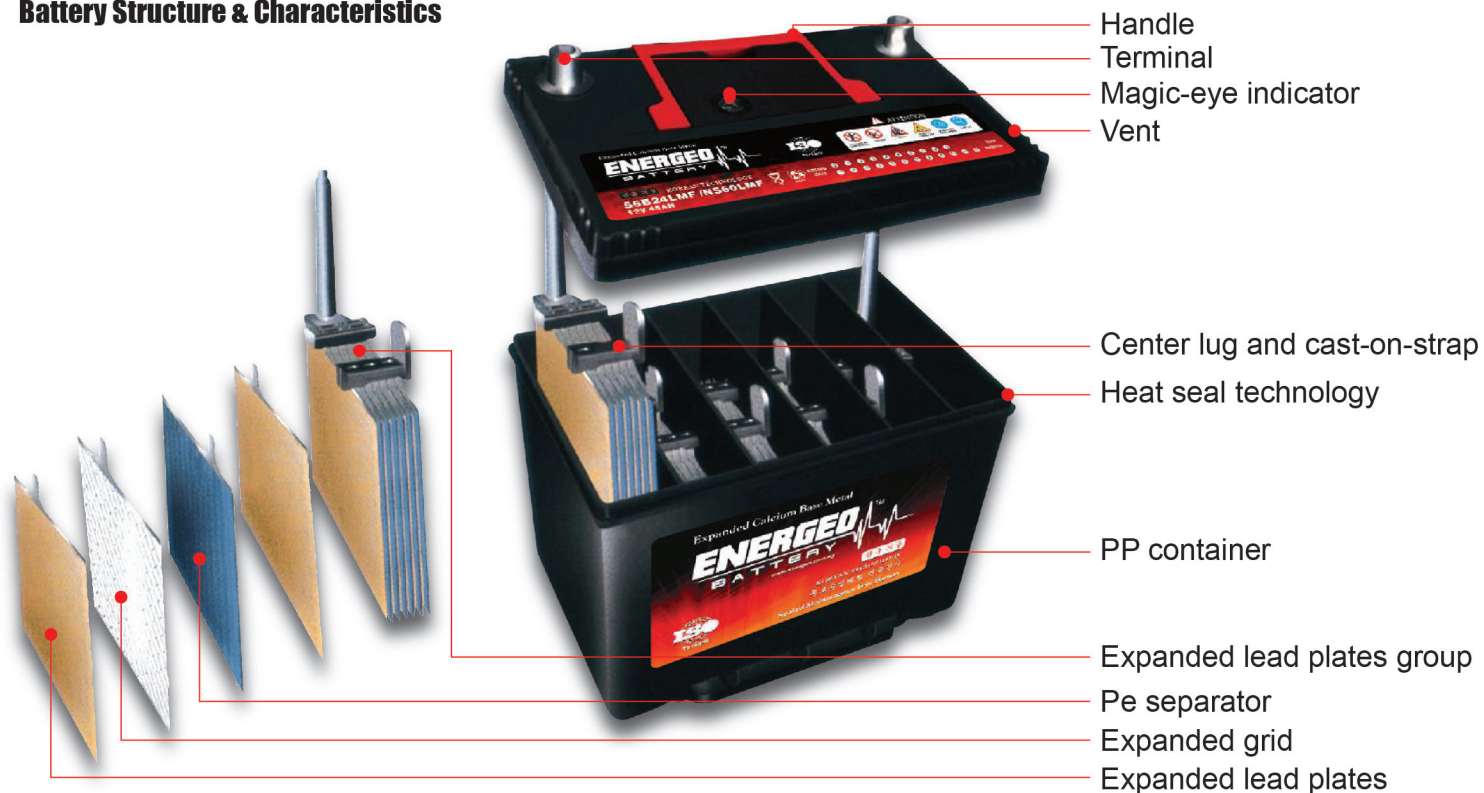


Battery Structure & Characteristics



Flammable

No sparks and flames

Danger: Keep flame away from battery and never short across or spark the battery's terminal with metal. It may cause fire and explosion.



Explosive

Caution explosion

Danger: Batteries can be the cause of ignition and explosion if it is mishandled because battery produces hydrogen and oxygen gas.



Sulphuric Acid Used

Caution sulphuric acid

Danger: The electrolyte battery is sulphuric and it can cause the loss of eyesight or skin burn. If contacted, wash with water immediately and consult a physician.



Pb

Never dispose off as domestic waste

Danger: Follow proper local disposal and recycling procedures.



Shield Eyes

Shield eyes

Danger: Wear eye protector, apron and rubber gloves to protect body from possible explosion and acid spill when handling batteries.

ENERGEO BATTERY

(The company reserves the rights to alter specifications with or without prior notice.)

ENERGEO BATTERY

Energeo Batteries are manufactured by leading battery manufacturers located predominantly in Asia using a time tested, proven combination of European, Korean, and Japanese technologies. We house lead-acid and conventional batteries. Our automotive batteries meet Japanese Industrial Standards ("JIS"), Deutsches Institut fur Normung ("DIN") standards, and have been qualified for global markets in a wide spectrum of automotive, industrial to marine applications.

Korean Technology



Benefits of Energeo Maintenance Free Battery (CMF)

- > Recharging Free
- > Overcharged Risk Free
- > Thermal Runaway Free
- > Magic Eye Indicator
- > Distilled Water Supplemental Free
- > Hold down model - Japanese and Korean car

Benefits of Conventional Series Battery

- > Thicker Plate
- > Heavy Duty Application
- > Vibration Resistant
- > No Leakage
- > Short Circuit Free



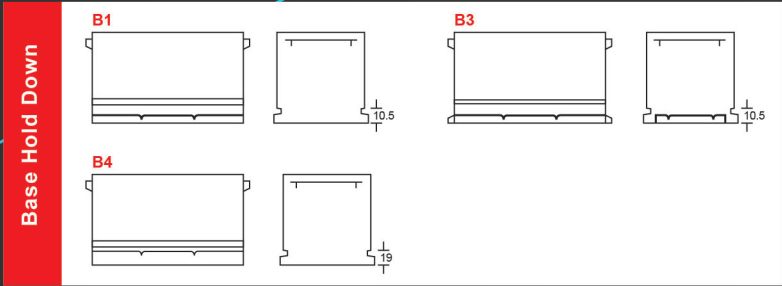
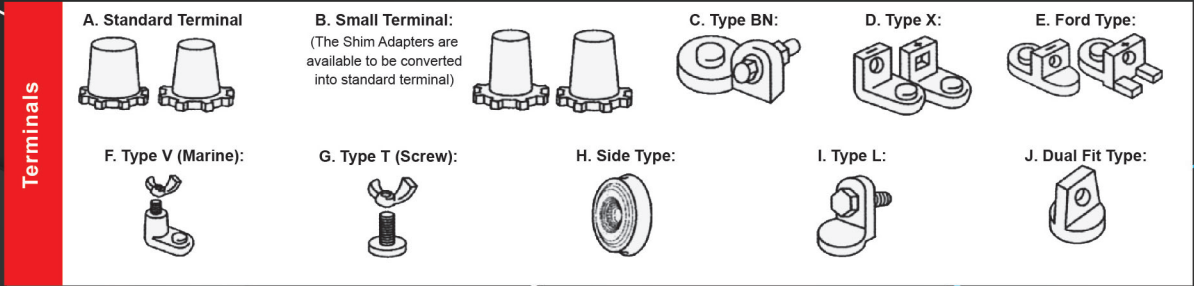
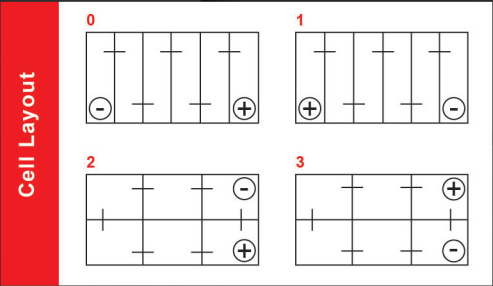
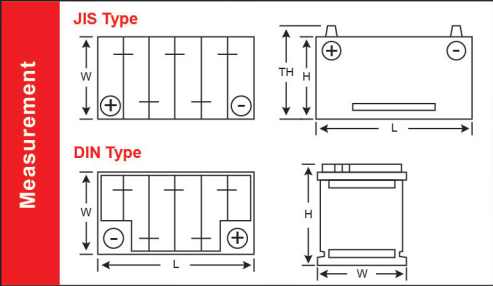
FOR JAPANESE VEHICLES (JIS CMF series)

JIS GROUP	JIS No.		Capacity (A/H)		CCA -18°C CCA	RC (MIN)	MAX Overall Dimension (mm)				Lay-Out	Terminal	Base Hold down	Weight (KGS)
	New	Old	20Hr	5Hr			L	W	H	TH				
B19	42B19R	NS40Z	40	28	332	52	187	127	199	219	1	B	B3	9.60
	42B19L	NS40ZL	40	28	332	52	187	127	199	219	0	B	B3	9.60
B24	55B24R	NS60	45	36	433	80	236	128	200	220	1	B	B3	12.90
	55B24L	NS60L	45	36	433	80	236	128	200	220	0	B	B3	12.90
	55B24RS	NS60S	45	36	433	80	236	128	200	220	1	A	B3	12.90
	55B24LS	NS60LS	45	36	433	80	236	128	200	220	0	A	B3	12.90
D23	65D23R	-	60	44	450	85	230	168	200	220	1	A	B3	15.50
	65D23L	-	60	44	450	85	230	168	200	220	0	A	B3	15.50
	75D23R	-	65	52	550	110	230	168	200	220	1	A	B3	16.00
	75D23L	-	65	52	550	110	230	168	200	220	0	A	B3	16.00
D26	48D26R	N50	50	40	350	81	260	168	200	220	1	A	B3	15.20
	48D26L	N50L	50	40	350	81	260	168	200	220	0	A	B3	15.20
	55D26R	N50Z	60	48	500	100	260	168	200	220	1	A	B3	16.60
	55D26L	N50ZL	60	48	500	100	260	168	200	220	0	A	B3	16.60
	85D26R	NS70	70	56	630	133	260	168	200	220	1	A	B3	18.20
	85D26L	NX110-5	70	56	630	133	260	168	200	220	0	A	B3	18.20
D31	65D31R	N70Z	70	56	600	120	301	172	200	220	1	A	B3	20.50
	65D31L	N70ZL	70	56	600	120	301	172	200	220	0	A	B3	20.50
	105D31R	NX120-7	90	72	750	165	301	172	200	220	1	A	B3	23.10
	105D31L	NX120-7L	90	72	750	165	301	172	200	220	0	A	B3	23.10
CMF	CMF40A	-	40	28	332	52	187	127	199	219	0	B	B3	10.42
	CMF60AL	-	60	48	500	100	242	173	188	188	0	A	B3	14.60
	CMF70L	-	70	56	630	133	275	173	188	188	0	A	B3	17.00
	CMF100R	-	100	80	750	175	324	172	204	224	1	A	B3	24.00
	CMF100L	-	100	80	750	175	324	172	204	224	0	A	B3	24.00
E41	115E41R	N100	100	80	750	175	403	173	209	231	1	A	-	24.50
	115E41L	N100L	100	80	750	175	403	173	209	231	0	A	-	24.50
F51	130F51	N120	120	96	850	230	503	182	208	230	3	A	-	33.50
G51	155G51	N150	150	120	1000	300	503	216	208	230	3	A	-	41.00
H52	190H52	N200	200	160	1100	430	503	261	217	239	3	A	-	53.00

FOR EUROPEAN VEHICLES (DIN CMF series)

DIN GROUP	Type No. (DIN)	Capacity 20Hr (A/H)	CCA -18°C CCA (Amps)		MAX. Overall Dimension (mm)				Lay-Out	Terminal	Base Hold down	Weight (KGS)
			DIN	SAE	L	W	H	TH				
L1	54459	44	210	380	208	173	188	188	0	A	B3	12.00
	54464	44	210	380	208	173	188	188	1	A	B3	12.00
L2	55559	55	255	450	242	173	188	188	0	A	B3	14.60
	55565	55	255	450	242	173	188	188	1	A	B3	14.60
	56219	62	280	500	242	173	188	188	0	A	B3	15.50
	56220	62	280	500	242	173	188	188	1	A	B3	15.50
L3	56638	66	300	550	275	173	188	188	0	A	B3	17.00
	57412	74	350	650	275	173	188	188	0	A	B3	18.00
	57413	74	350	650	275	173	188	188	1	A	B3	18.00
L5	58827	88	395	750	354	173	188	188	0	A	B3	22.00
	60038	100	450	800	354	173	188	188	0	A	B3	23.00
L7	67018	170	600	1050	503	216	193	214	2	A	-	42.00

* ALL Batteries are Made of Polypropylene Container Cover.



FOR JAPANESE VEHICLES (JIS Conventional series)

Model (JIS)	Capacity 20Hr (AH)	Dimension (mm)				Lay-Out	Terminal	Approx. Wt. (kg)	Approx. Acid (ltr)
		L	W	H	TH				
12N24-4	26AH	184	125	160	175	1	C	5.7	2.1
12N24-3	26AH	184	125	160	175	0	C	5.7	2.1
NS40	32AH	198	127	200	224	1	B	7.2	2.4
NS40L	32AH	198	127	200	224	0	B	7.2	2.4
NS40Z	35AH	198	127	200	224	1	B	8.2	2.2
NS40ZL	35AH	198	127	200	224	0	B	8.2	2.2
N40	40AH	235	128	200	224	1	A	7.6	2.8
N40L	40AH	235	128	200	224	0	A	7.6	2.8
NS60	45AH	235	128	200	224	1	B	8.8	2.6
NS60L	45AH	235	128	200	224	0	B	8.8	2.6
NS60S	45AH	235	128	200	224	1	A	9.0	2.6
NS60LS	45AH	235	128	200	224	0	A	9.0	2.6
55D23R	60AH	229	170	200	223	1	A	9.8	5.3
55D23L	60AH	229	170	200	223	0	A	9.8	5.3
N50	50AH	260	170	201	225	1	A	9.1	5.3
N50L	50AH	260	170	201	225	0	A	9.1	5.3
N50Z	60AH	260	170	201	225	1	A	10.7	5.2
N50ZL	60AH	260	170	201	225	0	A	10.7	5.2
NS70	65AH	260	170	201	225	1	A	12.3	5.0
NS70L	65AH	260	170	201	225	0	A	12.3	5.0
N70	70AH	305	171	201	225	1	A	12.6	5.7
N70L	70AH	305	171	201	225	0	A	12.6	5.7
N70Z	70AH	305	171	201	225	1	A	14.3	5.5
N70ZL	70AH	305	171	201	225	0	A	14.3	5.5
NX120-7	80AH	305	171	201	225	1	A	15.8	5.2
NX120-7L	80AH	305	171	201	225	0	A	15.8	5.2
N100A	95AH	405	173	209	231	1	A	16.0	7.4
N100	100AH	405	173	209	231	1	A	16.1	7.1
N100L	100AH	405	173	209	231	0	A	16.1	7.1
N120A	110AH	512	182	210	238	3	A	19.3	9.8
N120	120AH	512	182	210	238	3	A	20.8	9.6
N150A	140AH	512	212	210	238	3	A	23.0	10.9
N150	150AH	512	212	210	238	3	A	25.2	10.7
N180	180AH	516	273	216	242	3	A	28.8	14.9
N200A	190AH	516	273	216	242	3	A	30.5	14.6
N200	200AH	516	273	216	242	3	A	32.4	14.3

FOR EUROPEAN VEHICLES (DIN Conventional series)

Model (JIS)	Capacity 20Hr (AH)	Dimension (mm)				Lay-Out	Terminal	Base Hold Down	Approx. Wt. (kg)	Approx. Acid (ltr)
		L	W	H	TH					
54434 (DIN44L)	44AH	207	175	190	190	0	A	B3	7.8	3.8
54449 (DIN44R)	44AH	207	175	190	190	1	A	B3	7.8	3.8
55530 (DIN55L)	55AH	245	175	190	190	0	A	B3	10.9	3.4
55548 (DIN55R)	55AH	245	175	190	190	1	A	B3	10.9	3.4
56618 (DIN66L)	66AH	280	175	190	190	0	A	B3	12.7	3.7
58827 (DIN88L)	88AH	352	175	190	190	0	A	B3	15.2	4.8
58828 (DIN88R)	88AH	352	175	190	190	1	A	B3	15.2	4.8
60038 (DIN100L)	100AH	352	175	190	190	0	A	B3	17.3	4.5
67018 (DINBL)	170AH	511	223	193	217	2	A	-	28.2	9.1