

# AUTOMOTIVE

LM BATTERY

CATALOG





# Low Maintenance (JIS) For Japanese Vehicles

Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight (Kg)	Approx Acid/Battery (L)	Terminal Direction	Cell Layout
			L	W	H	TH				
12N24-3	26	11	185	125	160	174	5.2	1.8	C	1
12N24-4	26	11	185	125	160	174	5.2	1.8	C	0
NS40	32	9	197	127	200	224	5.4	2.8	B	1
NS40L	32	9	197	127	200	224	5.4	2.8	B	0
NS40Z	35	10	197	127	200	224	6.1	2.5	B	1
NS40ZL	35	10	197	127	200	224	6.1	2.5	B	0
N40	40	11	236	127	200	224	6.6	3.3	B	1
N40L	40	11	236	127	200	224	6.6	3.3	B	0
NS60A	40	11	236	127	200	224	6.6	3.3	B	1
NS60AL	40	11	236	127	200	224	6.6	3.3	B	0
NS60	45	13	236	127	200	224	7.7	3.0	B	1
NS60L	45	13	236	127	200	224	7.7	3.0	B	0
N50	50	9	258	171	202	224	9.0	5.4	A	1
N50L	50	9	258	171	202	224	9.0	5.4	A	0
N50Z	60	11	258	171	202	224	10.6	5.2	A	1
N50ZL	60	11	258	171	202	224	10.6	5.2	A	0
N60	60	11	258	171	200	224	10.6	5.2	A	1
N60L	60	11	258	171	200	224	10.6	5.2	A	0
NS70	65	12	258	171	202	224	11.1	5.0	A	1
NS70L	65	12	258	171	202	224	11.1	5.0	A	0
NS80	65	12	258	171	200	224	11.1	5.0	A	1
NS80L	65	12	258	171	200	224	11.1	5.0	A	0
N70	70	13	304	171	200	224	12.2	5.4	A	1
N70L	70	13	304	171	200	224	12.2	5.4	A	0
N70Z	75	14	304	171	200	224	12.9	5.0	A	1
N70ZL	75	14	304	171	200	224	12.9	5.0	A	0
N75	75	14	304	171	200	224	12.8	5.0	A	1
N75L	75	14	304	171	200	224	12.8	5.0	A	0
NS100	75	14	304	171	200	224	12.9	5.0	A	1
NS100L	75	14	304	171	200	224	12.9	5.0	A	0
NX120-7	85	15	304	171	200	224	13.5	4.6	A	1
NX120-7L	85	15	304	171	200	224	13.5	4.6	A	0
NS100Z	90	16	304	171	200	224	14.4	6.5	A	1
NS100ZL	90	16	304	171	200	224	14.4	6.5	A	0
TX790	90	16	304	171	200	224	14.2	5.0	A	1
TX790L	90	16	304	171	200	224	14.2	5.0	A	0
TX1000	95	19	304	171	200	224	17.0	5.6	A	1
TX1000L	95	19	304	171	200	224	17.0	5.6	A	0
N100A	95	15	407	174	209	232	14.0	7.8	A	1
N100	100	17	407	174	209	232	16.0	5.0	A	1
N100L	100	17	407	174	209	238	16.0	5.0	A	0

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			L	W	H	TH				
N120A	110	19	502	181	210	238	19.2	9.5	E	3
N120	120	21	502	181	210	238	21.6	9.5	E	3
N135	135	21	505	221	210	238	23.1	12.0	E	3
4-DLT	135	27	506	206	179	238	22.3	10.2	A	2
N150A	140	23	505	221	210	238	24.4	12.0	E	3
N150	150	25	505	221	210	238	25.1	11.5	E	3
N150L	150	25	505	221	210	238	25.1	11.5	E	2
N180	180	29	518	275	215	245	30.3	15.0	E	3
N200A	190	31	518	278	215	245	31.3	15.5	E	3
N200	200	33	518	278	215	245	31.1	15.0	E	3
N200L	200	33	518	278	215	245	31.1	15.0	E	2
55D23R	60	11	230	171	200	224	10.5	3.7	A	1
55D23L	60	11	230	171	200	224	10.5	3.7	A	0
75D23R	65	13	230	171	203	224	11.8	3.5	A	1
75D23L	65	13	230	171	203	224	11.8	3.5	A	0
95D31R	80	17	304	171	200	224	14.7	5.4	A	1
95D31L	80	17	304	171	200	224	14.7	5.4	A	0
105D31R	95	19	304	171	200	224	17.1	6.5	A	1
105D31L	95	19	304	171	200	224	17.1	6.5	A	0



## Low Maintenance (DIN) For European Vehicles

Model	Capacity at 20 hr (Ah)	Plate/Cell (pcs)	Battery Dimension (mm.)				Approx Weight (Kg)	Approx Acid/Battery (L)	Terminal Direction	Cell Layout
			L	W	H	TH				
54434	44	9	207	174	167	189	9.2	3.0	A	0
54533	45	11	241	174	152	174	9.2	3.3	A	0
54549	45	11	241	174	152	174	9.2	3.3	A	1
55530	55	11	241	174	167	189	9.2	3.5	A	0
55548	55	11	241	174	167	189	9.2	3.5	A	1
DIN60	60	11	241	174	167	189	9.2	3.6	A	0
DIN60L	60	11	241	174	167	189	9.2	3.6	A	1
56311	63	13	276	174	167	189	10.8	4.4	A	0
DIN65	65	13	241	174	167	189	10.8	3.3	A	0
56618	66	13	276	174	167	189	11.1	4.8	A	0
57217	72	15	276	174	167	189	12.2	4.0	A	0
DIN75	72	15	276	174	167	189	12.2	4.0	A	0
58815	88	17	351	174	167	189	14.9	5.5	A	0
DIN100	100	19	351	174	167	189	14.9	5.2	A	0
67018	170	22	513	223	193	218	32.7	11.5	E	2

# Low Maintenance

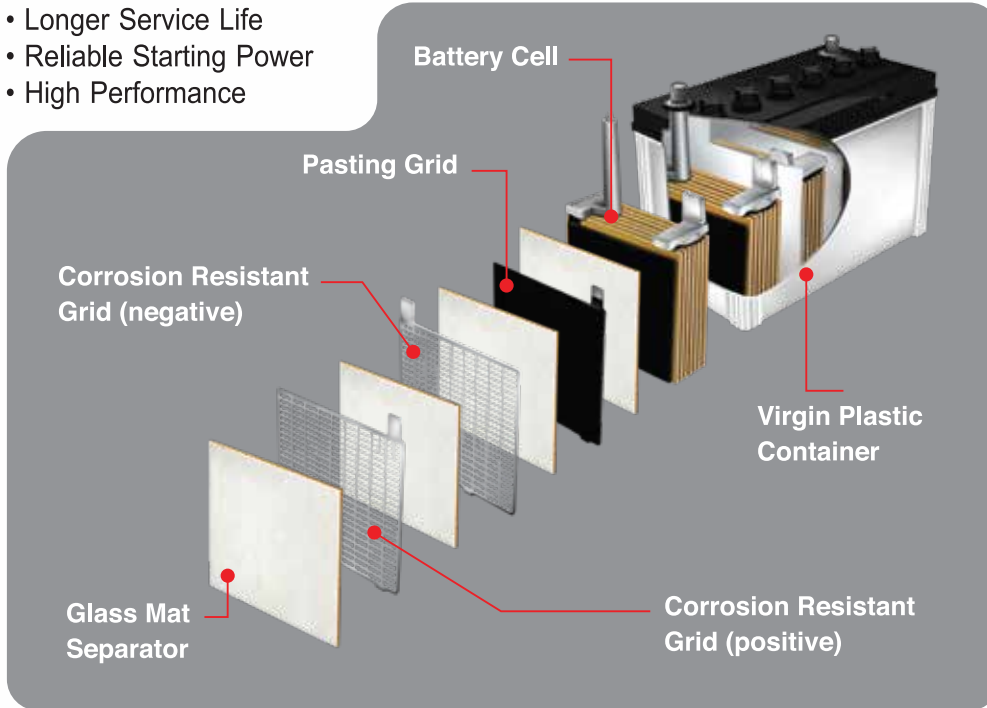
## Long Lifespan, High Power, Guaranteed Millions of Worldwide

### '3K Low Maintenance'

The classical power solution with the strong power source, 3K Low Maintenance Battery utilizes full starting power as the right choice for a wide range of vehicles.

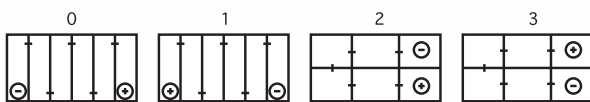
### Technology and Highlights

- Longer Service Life
- Reliable Starting Power
- High Performance

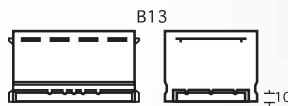
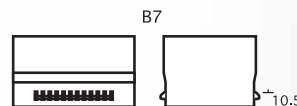


### Technical Information

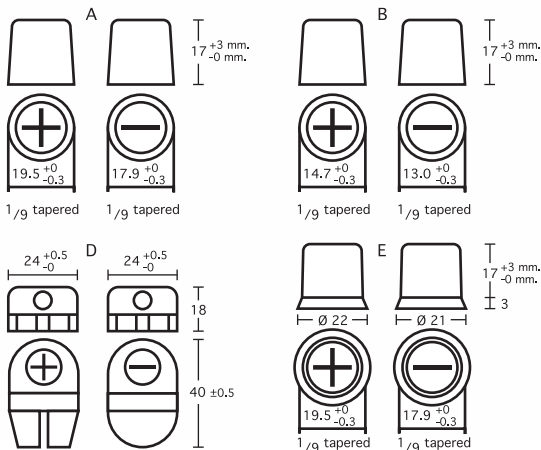
#### Cell Layout



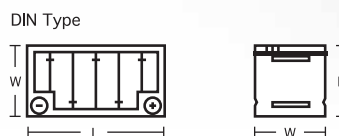
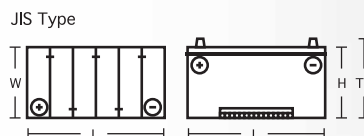
#### Base Hold Down



#### Terminals



#### Measurement



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