

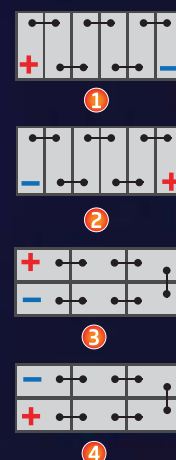
Automotive Battery

RAHIMAFROOZ

Key product features

- Calcium-calcium-tin and calcium-silver maintenance-free battery
- Expanded metal grid technology
- Centered cast-on-strap cells
- Double chamber container with condensation mechanism
- Built-in magic eye and flame arrestor
- Best grade virgin lead, pp and chemicals
- Robust design to perform in all terrain conditions

CELL LAYOUT



DIN Bottom Hold
5 notches

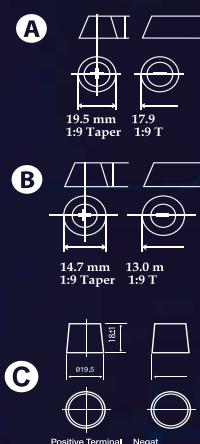
B13

10,5mm on all four sides

JIS Bottom Hold



TERMINAL



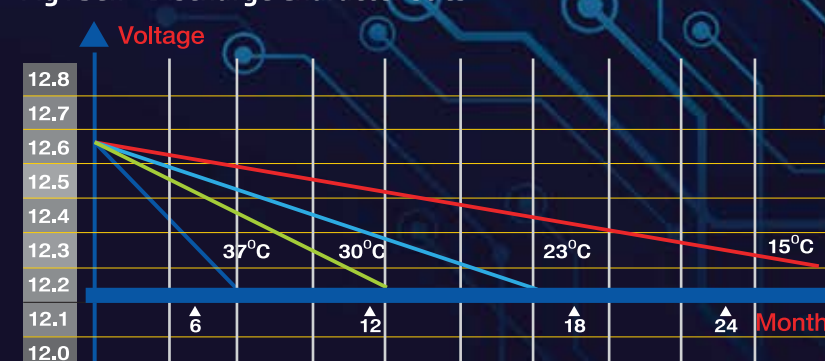
We offer a complete line of maintenance-free lead-acid batteries for passenger cars. Our precision focused manufacturing facilities use state-of-the-art technology to ensure that our batteries deliver high performance and a smooth driving experience.

We manufacture premium maintenance-free automotive batteries for heavy-duty commercial vehicles. These vehicles need batteries that are exceptionally robust and powerful to meet the heavy-duty demands placed on them round the clock under all sorts of terrain and weather conditions.

Self - Discharge Characteristics

Self-discharge by nature is a common phenomenon for lead-acid batteries. The reason behind this is the impurities contained in lead alloy induce local action, causing electric energy to be consumed. This phenomenon is temperature dependent, higher temperature leads to higher discharge. Compared with the other lead acid batteries GLOBATT uses carefully selected highly refined Ca-Tin alloy, rendering extremely low rate of self discharge. That's why a freshening charge is not required for GLOBATT batteries until the OCV becomes 12.2V or lower.

Fig : Self - Discharge Characteristics



At 12.2 V latest a recharge is needed

37°C = 7 month 12.2 V
30°C = 11 month 12.2 V
23°C = 18 month 12.2 V
15°C = 30 month 12.2 V



BEST FIT
FOR TROPICAL
ENVIRONMENT



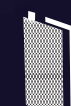
EXPANDED
METAL
TECHNOLOGY



SILVER⁺
INSIDE



LONGER LIFE



THICKER PLATE



Battery Head Office

705, West Nakhla para, Tejgaon, Dhaka-1215, Bangladesh

Phone/Fax: +8802 9113696 / +880258153128, Email: battery@rahimafrooz.com

www.rahimafrooz-batteries.com



JIS TYPE

Battery Type		AH @ 20 Hour Rate	CCA	Dimension (mm)			Cell Layout	Terminal Type	Filled Weight (kg)
Old JIS	New JIS			L	W	H			
PASSENGER CAR									
NS40/L	36B20R/L	32	300	197	129	227	1/2	B	8.6
NS40S/LS	36B20RS/LS	32	300	197	129	227	1/2	A	8.7
NS40Z/L	44B20R/L	35	350	197	129	227	1/2	B	9.2
NS40ZS/LS	44B20RS/LS	35	350	197	129	227	1/2	A	9.3
N40/L	50B24R/L	40	380	238	129	227	1/2	B	10.8
N40S/LS	50B24RS/LS	40	380	238	129	227	1/2	A	10.9
NS60/L	55B24R/L	45	440	238	129	227	1/2	B	11.4
NS60S/LS	55B24RS/LS	45	440	238	129	227	1/2	A	11.5
55D23/L	65D23/L	60	550	231	173	225	1/2	A	14.6
85D23/L	85D23/L	68	550	231	173	225	1/2	A	15.4
N50/L	55D26R/L	50	460	259	173	225	1/2	A	14.2
N50Z/ZL	65D26R/L	60	540	259	173	225	1/2	A	15.6
NS70/L	80D26R/L	65	600	259	173	225	1/2	A	17.0
NX110-5/L	85D26R/L	70	600	259	173	225	1/2	A	17.0
N70/L	85D31R/L	70	650	306	173	225	1/2	A	18.6
N70Z/ZL	95D31R/L	75	700	306	173	225	1/2	A	19.2
NX120-7/L	105D31R/L	80	750	306	173	225	1/2	A	19.9
N90/L	115D31R/L	90	775	306	173	225	1/2	A	20.0
COMMERCIAL VEHICLE									
N100/L	115E41R/L	100	700	410	173	233	3/4	A	25.9
N120/L	135F51R/L	120	850	506	182	250	3/4	A	32.9
N135/L	150F51R/L	135	875	506	182	250	3/4	A	33.7
N150/L	165G51R/L	150	1000	506	221	248	3/4	A	38.0
N170/L	190G51R/L	170	1050	506	221	248	3/4	A	39.7
N180/L	195H52R/L	180	1100	518	274	248	3/4	A	47.0
N200/L	210H52R/L	200	1200	518	274	248	3/4	A	48.0

TYPE DIN

Battery Type	AH @ 20 Hour	CCA	Dimension (mm)			Cell Layout	Terminal Type	Hold Down	Filled Weight (kg)
			L	W	H				
54434/54464	44	400	207	175	190	2/1	C	B13	11.7
54419/54420	44	405	242	175	190	2/1	C	B13	12.7
55530/55548	55	500	242	175	190	2/1	C	B13	14.0
56219/56218	62	540	242	175	190	2/1	C	B13	15.1
56618/56633	66	600	278	175	190	2/1	C	B13	16.2
57512/57513	75	705	278	175	190	2/1	C	B13	17.6
58535/58521	85	745	315	175	190	2/1	C	B13	19.3
59218/59259	92	800	353	175	190	2/1	C	B13	20.6
60044/60059	100	875	353	175	190	2/1	C	B13	21.7
LOW HEIGHT SERIES									
54321/54322	43	400	207	175	175	2/1	C	B13	11.0
54366/54367	43	405	242	175	175	2/1	C	B13	11.9
55457/55459	54	480	242	175	175	2/1	C	B13	12.8
56077/56078	60	530	242	175	175	2/1	C	B13	13.7
55415	54	480	278	175	175	2/1	C	B13	14.3
56318/56319	63	530	278	175	175	2/1	C	B13	15.3
57439	74	650	278	175	175	2/1	C	B13	15.5
57559	75	650	315	175	175	2/1	C	B13	16.7
58514/58559	85	700	315	175	175	2/1	C	B13	17.7
59219	92	750	353	175	175	2/1	C	B13	20.1
DIN CV									
67018	170	1100	509	222	214	2/1	A	-	39.9
70027	200	1200	505	264	228	2/1	A	-	47.2