



# GLOBAL BATT

Energize the World



CE



HIGH PERFORMANCE

LONG LIFE //

**-TUBULAR-**  
BATTERY





# GLOBAL BATT

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## Technical Specifications

S.no	Model	Container type	Dimensions	Battery filled Wt.	Battery Packed Wt.
			L (mm) X W (mm) X H (mm)		
1	50 AH	N70	306x173x204	18	19
2	70AH	N100 JUMBO	410x176x270	30	31
3	100AH	TALL TUBULAR	503x190x408	48	50
4	150AH	TALL TUBULAR	503x190x408	54	56
5	200 ah	TALL TUBULAR	503x190x408	61	63
6	200AH	TALL TUBULAR	503x190x408	62	64
7	220 ah	TALL TUBULAR	503x190x408	64	66
8	240 Ah	TALL TUBULAR	503x190x408	66	68
9	250 ah	TALL TUBULAR	503x190x408	69	71
10	300 ah	TALL TUBULAR	503x190x408	71	73

## Product Features

- Long shelf life- heavy duty tubular plates to give you excellent cyclic life with deep cycle capabilities
- Excellent performance under extreme temperature conditions
- Aesthetically designed, low foot print- occupies less space
- Thick spines for excellent discharge performance on heavy loads
- Specially designed vent plugs for minimum acid fumes
- Most compact Tall Tubular design with global acceptability
- Extra thick gaunlets suitable for harsh weather condition
- Leak proof heat sealed tall PP container
- Special alloys for low maintenance of batteries
- DARAMIC separator with high porosity, low electrical resistance and excellent oxidation resistant
- Extra thick spines cast at high pressure to ensure minimum corrosion for reliability, extra-long life and strength
- Micro porous aqua trap vent plug to ensure minimum acid fumes which ensures low maintenance of batteries
- Ceramic flame arrestor prevents electrical spark to go in and therefore ensures highest degree of safety for all domestic and office usage.



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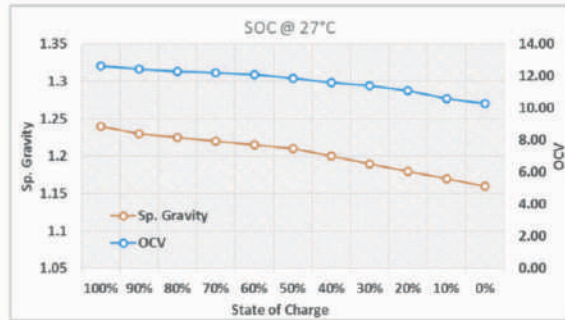
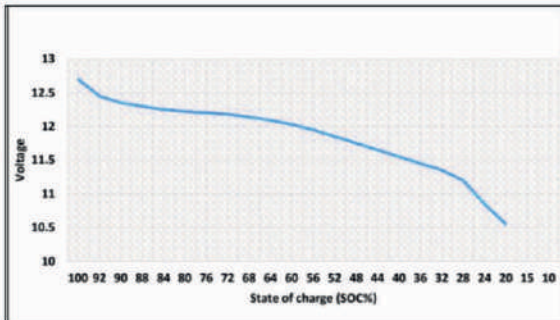
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## Tall Tubular Batteries

The Tubular Plate technology enable batteries to deliver a larger amount of consistent, reliable power. They are engineered to deliver increased power and efficiency while maximizing the battery life The Tubular plate batteries performed better on heavy duty application even the maintenance required with this batteries is quite less. The batteries withstand long and frequent power cuts



### Charging Instructions

	Charger Voltage Settings (at 77° F/ 25°C)		
	12V	24V	48V
System Voltage	12V	24V	48V
Maximum Charge Current	0.2C10		
Maximum Absorption Phase Time (hours)	4		
Absorption Voltage	14.4	28.8	57.6
Float Voltage	13.6	27.2	54.4
Equalization Voltage	16	32	64
Do not install or charge batteries in a sealer or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery.			
Periodic Charge	Provide a periodic freshening charge to maintain a SOC greater than the threshold of 70%		



Terminal Type



Vent Plug Type :-



Vent Plug Type :-



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# TUBULAR BATTERY



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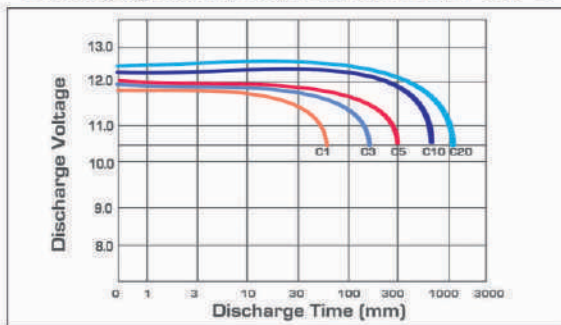
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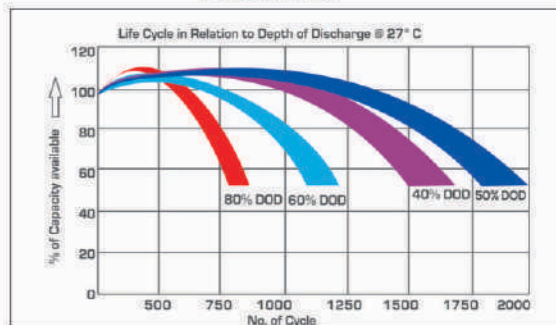
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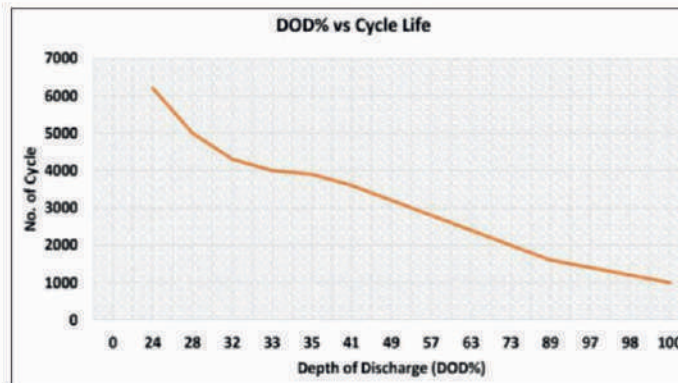
Discharging Characteristics at various rates @27°C



Expected Life



DOD% vs Cycle Life



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**AUTOMOTIVE**  
BATTERY

**Maintenance Free**



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**GLOBAL BATT BATTERIES A LIFE TIME OF LOW MAINTENANCE**

Get more Power with GLOBAL BATT Low Maintenance Batteries. Every GLOBAL BATT Low Maintenance Battery is made of a premium alloy composition imported from PASMINGCO Australia. This amazingly special high-grade alloy gives GLOBAL BATT batteries the leading edge. GLOBAL BATT satisfies the demand for low maintenance. Less frequent top-ups and long life batteries.

**WHY GLOBAL BATT BATTERIES ARE THE BEST?**

Our Automotive range is manufactured on a state of the fully automatic battery assembly line form LEKO U.S.A. advanced Japanese technology is applied while designing our batteries, ensuring optimum performance, extremely long life, reliable and resistance to typically abusive Indian roads and climate.

S.no	OLD JIS Type	New JIS Type	Layout	Dimension (mm)				CCA at -18°C (Amp)	RC at 27°C (Mins)	20 HR(Ah)	Weight (Kg)
				Length	Width	Height	Total Height				
1	NS40	36B20	R/L	197	129	129	227	272	49	32	7.8
2	NS40Z	44B20	R/L	197	129	129	227	274	52	35	8.5
3	N40/L	50B24	R/L	238	129	129	227	370	300	40	10.2
4	NS60/L	55B24	R/L	238	129	129	227	325	71	45	13
5	55D23R/L	65D23	R/L	232	173	173	225	320	300	65	15
6	N50/L	55D26	R/L	260	173	173	225	278	81	60	13.5
7	N50ZL	65D26	R/L	260	173	173	225	348	101	60	13.5
8	NS70/L	80D26	R/L	260	173	173	225	582	133	65	15
9	NX110-5/L	85D26	R/L	260	173	173	225	582	133	70	16.6
10	N70/L	85D31	R/L	306	173	173	225	500	310	70	16.6
11	N70Z/L	95D31	R/L	306	173	173	225	622	159	75	17.3
12	NX120-7L	105D31	R/L	306	173	173	225	540	310	80	18.6
13	N100/L	95E41	R/L	410	176	176	234	512	182	100	20.5
14	N120/L	135F51	R/L	510	182	182	234	638	228	120	26.3
15	N150/L	165G51	R/L	510	220	220	234	754	294	150	29.5
16	N200/L	210H52	R/L	520	278	278	248	924	421	200	40.2

1. Well-designed 'Positive Plates' provide maximum surface area for high power and voltage endurance.
2. Special computerized design of the 'Negative Plates' provides perfect balance along with the positive, thus giving maximum performance.
3. Rugged POLYPROPYLENE containers assist in high impact resistance.
4. Advanced glass mat separator protects against active material shedding during bump and vibration assuring high service life.
5. Fine pores of polyethylene envelopes separators help in the free electrolyte movement between the positive and the negative plates. This enhances the cold cranking ability of the battery. Problems of internal short-circuits within the cell are also eliminated easily.
6. The unique thorough partition, resistance welded inter cell connection, dramatically shortens the power path and minimizes voltage drop on cranking.
7. The heavy-duty plate density provides increased plate strength. A special chemical formulation drastically reduces sulphation, allowing full recharging and significantly prolonged battery life.



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**AUTOMOTIVE BATTERY**



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## DRY CHARGED BATTERY

HIGH PERFORMANCE

LONG LIFE

**AUTOMOTIVE**  
BATTERY



**GLOBAL BATT-** Dry Charge Automotive Battery Series uses a proven technology combined with the latest battery designs that have provided higher performance than previously achieved.

This battery series offers an optimal combination of price and performance and is the obvious choice for customers who demand an excellent product for a super price. In this respect, this battery series is the ideal solution - reliable power for the pure engine start, limited maintenance by means of proven lead-calcium with low antimony technology. And due to these batteries are shipped under dry charged and unfilled state without acid inside, that's led the maximum power freshness could be ensure and low self discharge rate also long storage time could be happen, and the highest transport safety standards.

S.no	Model Name (OID JIS)	Model Name (New JIS)	Capacity	No Of Plates	Dimension (±0.3mm)				Weight (Kg.)
					L	W	H	TH	
1	NS40	32B20R	32AH	8	197	129	203	227	6.9
2	NS40Z	32B20R	35AH	9	197	129	203	227	7.3
3	NS60A	40B24R/L	40AH	9	238	129	203	227	7.8
4	NS60	46B24	45AH	11	238	129	203	227	8.75
5	N50	48D26R/L	50AH	9	260	173	204	225	9.25
6	N50Z	55D26R/L	60AH	11	260	173	204	225	10.55
7	NS70	65D26R/L	65AH	13	260	173	204	225	12
8	NX110-5	80D26R/L	70AH	15	260	173	204	225	15
9	N70	65D31R/L	70AH	13	306	173	204	225	12
10	N 70Z	75D31R/L	75AH	15	306	173	204	225	15
11	NX120-7	95D31R/L	80AH	15	306	173	204	225	15
12	N100A	95E41R/L	88AH	15	410	176	213	234	15
13	N100	95E41R/L	95AH	17	410	176	213	234	15.5
14	N120	105F51	110AH	19	513	182	213	248	19.3
15	N120F	115F51	120AH	21	513	182	213	248	20
16	N150	135G51	135AH	23	510	225	212	248	21
17	N150F	145G51	150AH	25	510	225	212	248	22.5
18	N200	165H52	200AH	29	520	278	220	248	28
19	N200 L	190H52	200AH	31	520	278	220	248	29

**Feature :**

- Proven technology delivers reliable power.
- Lead-Calcium low antimony alloy for better anti-crossion and reduce the water consuming, effectively reduce the regular maintenance rate.
- The latest in polyethylene envelope with glass fiber separator to protect against vibration.
- Polypropylene case and cover resists damage from gasoline and oil, withstands extreme weather conditions.
- Optimized internal construction for high cranking power.
- Extremely low self discharge rate.
- Shipped and unfilled with acid gives the product a long shelf life up to 24 months.
- Cost effective.



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MAINTENANCE  
**FREE**  
**VRLA**  
BATTERY



UPS



Telecom



Solar



HOME UPS



Railway Signal



Power System



LONG LIFE

HIGH PERFORMANCE

Maintenance Free

**VRLA**  
BATTERY



**GLOBAL BATT**  
SEALED LEAD ACID  
MAINTENANCE FREE

CAUTION - If eyes exposed to electrolyte fluids, wash immediately with plenty of water.  
WIND  
• Clean including battery terminals.  
• Charge in a well-ventilated area.  
• Dispose in special bins.  
RECYCLE  
• Recycle battery efficiently.  
• Please return this battery to an authorized dealer.  
Model No. MB 150 - 12  
12V 100 AH / 24hr.  
Capacity (amp-hrs) @ 25°C  
• 100Ah @ 20hr, 12.5V  
• 100Ah @ 10hr, 14.5V  
• 100Ah @ 5hr, 16.5V  
The battery contains lead acid and is harmful. Do not throw in dustbin.



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## SMF BATTERY TECHNICAL DATA

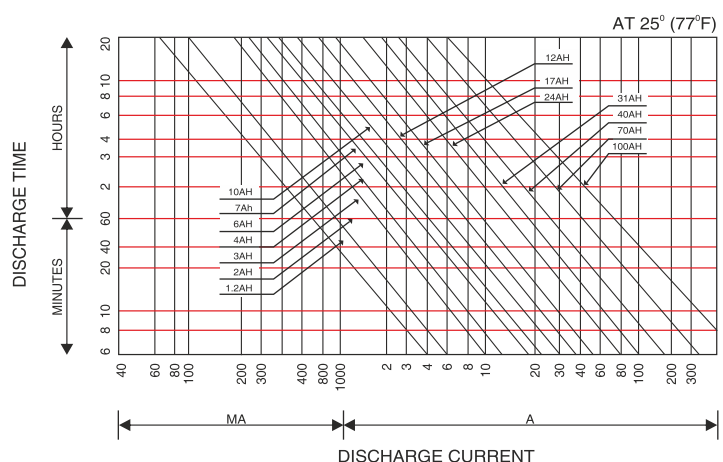
Model no	Nominal Voltage (V)	Rated Capacity @20hr (AH)	Outline dimensions mm				AH Capacity @20°C (68°F)				Weight (Kg)
			Length	Width	Case height	Total height	10 Hr 1.75 vpc	8 Hr 1.75 vpc	5 Hr 1.75 vpc	3 Hr 1.75 vpc	
GB 4.5-12	12	4.5	90	70	101	107	4.2	4.05	3.83	3.38	1.39
GB 7.0-12	12	7	151	65	95	99	6.5	6.31	5.75	5.25	1.97
GB 9.0-12	12	9	151	65	95	99	7.6	7.2	6.8	6.4	3.00
GB 12-12	12	12	151	99	96	101	10.8	10.5	9.75	9.3	3.24
GB 18-12	12	18	181	76	167	167	16.7	16.2	15.3	13.8	5.35
GB 26-12	12	26	177	168	126	126	24	23.3	22.8	20.7	7.80
GB 45-12	12	45	196	165	171	171	41.8	39.6	37.5	33.5	13.20
GB 65-12	12	65	350	167	179	179	62	59.5	55	48.75	21.50
GB 80-12	12	80	259	169	208	211	76	72	68	60	25.00
GB 100-12	12	100	330	170	215	220	90	86.4	79.2	73.1	30.00
GB 150-12	12	150	480	170	240	240	135	130	119	110	43.20
GB 200-12	12	200	524	240	216	244	180	173	158	146	59.80

### 6/12V BATTERIES CAPACITY SELECTION CHART

The point where the current and time lines intersect on the chart with the diagonal AH line is the minimum capacity required for the application.

### PRODUCT FEATURES

- For both cyclic and standby use.
- Uniform plate formation for consistent capacity.
- Reduced internal resistance for superior performance.
- Provides 1300 cycles at 20% DOD.
- Non - spillable, useable in any position.
- Maintenance free and High Shelf Life.
- Low Self-discharge.
- Electrolyte suspension system.
- Gas recombinant system.
- Low pressure venting system.
- Heavy duty grids.
- Long service life.
- ABS container and cover
- Wide operating temperature range most suited to Indian conditions.



### SERVICE LIFE

- 4 to 6 years expected life under normal flat charge condition at 25°C. (77°F)
- Extended shelf life (up to 14 months at 20°C)

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**Maintenance Free**  
**SEALED LEAD ACID**  
BATTERY

Rechargeable  
Sealed Lead Acid  
Maintenance Free Battery