

Automotive Batteries



BINDAL POWERTECH PVT. LTD.
(BATTERY DIVISION)



Se+ Selenium Plus

With the help of Technical Expertise and state of art laboratory company has developed all range of Batteries in accordance with the international standards.

UNIQUE TECHNICAL FEATURES OF BATTERIES INCLUDE :-

- Ribbed construction and P.E. Glass matt separator ensures resistance free circulation of electrolyte.
- Heavy duty terminals are designed to give optimum current flow with minimum electrical resistance.
- Inter-cell welded connection minimize the voltage drop and optimize the current efficiency for quick starting of the engine.
- Safety vent plugs designed for elimination of electrolyte spray and easy exit of gases.
- Selenium alloy grids for extra low maintenance.
- Durable positive plates designed to give long life.
- Negative plates designed to provide perfect charge to positive plates for maximum efficiency.

UNEQUALLED | RELIABLE | AFFORDABLE

MADE IN INDIA



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Product Specification & Application Chart

BATTERY TYPE	CAPACITY IN AH		DIMENSIONS IN MM			DRY WEIGHT	ACID VOLUME	FILLED WEIGHT	CHARGING CURRENT (AMPS) DRY & UNCHARGED	
	5Hr Rate	20Hr Rate	L	W	H				INITIAL	NORMAL
NS 40	25.6	32	197	129	227	8.400	4.0	11.750	1.6	3.0
NS 40Z	28.0	35	197	129	227	9.250	3.25	12.5	1.8	3.5
NS 45L	32.0	45	235	127	232	10.5	4.0	10.5	2.0	4.5
65 Z	52.0	65	260	173	225	16.300	5.800	22.10	3.05	6.5
75 Z	60.0	75	306	173	225	16.550	6.750	23.30	3.8	7.5
S-88	64.0	80	306	173	225	19.550	6.50	26.05	4.0	8.0
N-88	70.4	88	410	176	235	20.00	9.150	29.15	4.4	8.8
N-100	80.0	100	410	176	235	22.850	8.300	31.15	5.0	10.0
N-120	96.0	120	515	182	257	25.900	13.0	39.90	6.0	12.0
N-135	108.0	135	515	222	257	27.850	13.0	41.85	6.75	13.5
N-150	120.0	150	505	222	260	31.500	15.0	44.50	7.5	15.0
N-165	132.0	165	521	278	255	33.8	14.5	48.5	8.25	16.5
N-180	144.0	180	521	278	255	36.5	14.0	50.5	9.0	18.0

TIPS ON CARE FOR YOUR BATTERY

- A loosely held battery vibrates and bounces causing damage to the container and the plate. The battery should be firmly secured in the cradle. Ensure that the cable clamp fit tightly and properly onto the terminals. Do not hammer down claps onto terminals.
- Terminals corrosion, dirt & moisture cause loss of power and make the battery weak, the top of the battery must be keep clean and dry. Petroleum jelly/vaseline should be applied to cable clamps and terminals, never apply grease.
- The cells lose water during use and such excessive loss can damage the plates. The electrolyte level must be maintained at maximum level mark. Top up only with distilled water maintaining the level as specified. Never add acid.
- Keep the vent plug lightly close. Splashing of electrolyte could cause current leakage.
- A faulty electrical system will immediately damage the battery. Get your fan belt, wiring, dynamo & regulator setting regularly checked.

CHARGING INSTRUCTIONS

Please follow the guidelines mentioned below for initial charging before putting the battery in use.

1) Fill the electrolyte of specific gravity as per chart :-

For Dry Uncharged batteries	Filling Specific Gravity (Dilute Sulphuric Acid)	Specific Gravity (in Fully Dilute Charged Condition Corrected to 27°C)
Tropical Climate	1.210 +/- 0.005	1.230 to 1.240
Template Climate	1.230 +/- 0.005	1.250 to 1.260
Cold Climate	1.250 +/- 0.005	1.270 to 1.280

2) Leave the battery idle for 12 Hours (Min.).

3) Charge for 72 Hours for Dry Uncharged batteries.

Stop charging when the specific gravity reaches the final value as specified in the table and remains so for 3 consecutive hourly readings.

- Technical specifications are subject to change.

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