



SPARCO DS GLOBAL LLP



EXTRA POWER EXTRA BACK-UP BATTERIES

**DRY CHARGED
TUBULAR INVERTER
VRLA SMF
SOLAR TUBULAR
TROLLEY**

A NAME TO BE TRUSTED UPON

Sparco DS Global LLP is a group Company of Sparco Batteries Pvt Ltd. New Delhi India. The company is into the business of Batteries and lead since 1965. Sparco DS Global LLP was founded in the year 2017 with the sole vision of improving the quality of life of its customers. With technology at its heart, the company ventured out in 30 global markets just within 15 months of its formation and has already established cost leadership in the areas it operates in.

VISION

To reach beyond the rules of the conventional companies and create a benchmark in the industry.

MISSION

To surpass the expectations of our customer through our product with innovation to consistently deliver reliable product at best possible price with excellent after sales service.

Through work oriented passionate people we are consistently improving to achieve our goal of becoming a successful producer of 2 million batteries per annum.

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XTRA DURABILITY

XTRA BACKUP

XTRA LIFE



AUTOMOTIVE DRY CHARGED



AUTOMOTIVE TECHNICAL DATA

ALTIMA BATTERIES A LIFE TIME OF LOW MAINTENANCE

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

WHY ALTIMA BATTERIES ARE THE BEST?

Our Automotive range is manufactured on a state of the fully automatic battery assembly line from 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.

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C (Amp)	RC at 26.7 °C (Mins)	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
32B20R	NS40	R	197	127	201	225	272	49	32	26
32B20L	NS40L	L	197	127	201	225	272	49	32	26
36B20R	NS40Z	R	197	127	201	225	274	52	35	28
36B20L	NS40ZL	L	197	127	201	225	274	52	35	28
38B20R	NS40ZS	R	197	127	201	225	274	52	35	28
38B20L	NS40ZLS	L	197	127	201	225	274	52	35	28

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C (Amp)	RC at 26.7 °C (Mins)	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
46B24L	NS60L	L	237	127	201	225	325	71	45	36
	NS60S	R	237	127	201	225	325	71	45	36
	NS60LS	L	237	127	201	225	325	71	45	36
55B24R	NX100-S6	R	237	127	201	225	400	79	45	36
55B24L	NX 100-S6L	L	237	127	201	225	400	79	45	36
32C24R	N40	R	237	127	201	225	238	57	40	32
32C24L	N40L	L	237	127	201	225	238	57	40	32

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
48D26R	N50	R	258	170	201	225	278	81	50	40
48D26L	N50L	L	258	170	201	225	278	81	50	40
55D26R	N50Z	R	258	170	201	225	348	101	60	48
55D26L	N50ZL	L	258	170	201	225	348	101	60	48
65D26R	NS70	R	258	170	201	225	413	113	65	52
65D26L	NS70L	L	258	170	201	225	413	113	65	52
75D26R		R	258	170	201	225	514	123	65	52
75D26L		L	258	170	201	225	514	123	65	52
80D26R	NX110-5	R	258	170	201	225	582	133	65	55
80D26L	NX110-5L	L	258	170	201	225	582	133	65	55



AUTOMOTIVE TECHNICAL DATA

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
65D31R	N70	R	300	170	201	225	389	126	70	56
65D32L	N70L	L	300	170	201	225	389	126	70	56
75D31R	N70Z	R	300	170	201	225	447	137	80	64
75D31L	N70ZL	L	300	170	201	225	447	137	80	64
95D31R	NX120-7	R	300	170	201	225	622	159	80	64
95D31L	NX120-7L	L	300	170	201	225	622	159	80	64

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
95E41R	N100	R	408	172	213	230	512	182	100	80
95E41L	N100L	L	408	172	213	230	512	182	100	80
115E41R	NS120	R	408	172	213	230	651	212	110	88
115E41L	NS120L	L	408	172	213	230	651	212	110	88

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
115F51	N120	R	500	180	213	233	638	228	120	96
115F51L	N120L	L	500	180	213	233	638	228	120	96
145F51	NS150	R	500	180	213	233	780	269	140	112
145F51L	NS150L	L	500	180	213	233	780	269	140	112

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
145G51	N150	R	505	220	213	233	754	294	150	120
145G51L	N150L	L	505	220	213	233	754	294	150	120

New JIS Type	JASO Type	Layout	Dimension (nun)				CCA at - 17.8 °C	RC at 26.7 °C	20 HR (Ah)	5 HR (Ah)
			Length	Width	Height	Total Height				
190H52	N200	R	517	275	217	237	924	421	200	160
190H52L	N200L	L	517	275	217	237	924	421	200	160

Other Advantage of Altima Batteries include

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.





AUTOMOTIVE TECHNICAL DATA

Sparco Batteries Pvt. Ltd. is a subsidiary unit of M/s, Sparco Battery Corporation, which was established in the year 1965 at an industrial town of Delhi. It was founded by the Late Shri Balbir Sain Tuli with a futuristic vision of providing complete power back solutions with innovative world class technology. Since then, it has emerged as one of the leading manufacturer and exporter of TTP heat sealed lead-acid batteries and its accessories of north India.

Technical Specifications

Battery Type	AH	Capacity (Ah)		Dimensions (mm)			GROSS WEIGHT (K.G.)	CHG. AMPS
		C20	C5	Length	Width	Height		
AL-DC 60F 16000	120 Ah	120	100	410	170	270	35.6	15 AMPS





AUTOMOTIVE TECHNICAL DATA

Technical Specifications

Battery Type	Dimensions (mm)			GROSS WEIGHT (K.G.)
	Length	Width	Height	
AL-2.5 LC	81	71	105	1.12
AL-4LB	113	70	85	1.60
AL-5LB	121	61	130	2.20
AL-7LB	151	61	130	2.70
AL-9LB	137	76	139	3.35
AL-14 AH	132	88	163	4.7

FEATURES

- Features of sealed maintenance free and high performance factory activated batteries:
- Highly pure calcium alloy and grey oxide used to make the batteries completely maintenance free.
- The batteries are non spillable.
- AGM technology acts as shock absorber and avoid active material shedding in Indian road conditions.
- High tin alloy used to avoid disconnection during service life.
- No need of any maintenance during the service life.
- High discharge current with low internal resistance.
- High cranking power
- Virgin quality containers.
- Factory activated and tested quality.





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TUBULAR INVERTER



INVERTER BATTERIES

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Battery Type	AH	Capacity (Ah)	Dimensions (mm)			GROSS WEIGHT (K.G.)	CHG. AMPS
		C20	Length	Width	Height		
AL-15000 PLUS	150 AH	150	504	218	255	40.7	12
AL-11500T	115 AH	115	504	218	255	34.9	9.2
AL-14500T JUMBO	145 AH	145	504	272	290	45	11.25
AL-15000T	150 AH	150	515	274	266	38	12
AL-16500T JUMBO	165 AH	165	516	272	290	53.1	13
AL-PB-15000T	150 AH	150	504	218	255	39	12
AL-24000T JUMBO	240 AH	240	515	272	290	60	18
AL-550 LMT	160AH	150	505	180	385	52.9	12
AL-PB-550TT	150AH	150	503	190	408	55	12
AL-650TT	170AH	170	503	190	408	56.2	14
AL-750TT	190 AH	190	503	190	408	59.7	15
AL-4000TT	120 AH	120	503	190	408	53.6	12
AL-5000TT	160AH	160	503	190	408	56.2	13
AL-7000TT PLUS	190AH	190	503	190	408	65	15
AL-9000TT PLUS	220 AH	220	503	190	408	66.2	17.5
AL-10000TT	240 AH	240	503	190	408	68.1	19

FEATURES

1. Tubular Technology
2. Electrolyte level indicator
3. High Acid volume per ampere hour
4. Deep Cycle design
5. Tower type design
6. Common Side Venting

ADVANTAGES

• Very long life • User Friendly • Acid volume per ampere hour is 30% more than that of ordinary tubular batteries. It acts as a coolant and also ensures very low maintenance • Suited for use in areas of frequent power cuts (800 to 1000 cycles of deep discharge as against 300/400 cycles of other batteries • Can with stand overcharge better • Occupies less floor space, totally new look • Less pollution, environment friendly • Ensures consistent quality





SPARCO DS GLOBAL LLP



Rechargeable
Sealed Lead Acid
Maintenance Free Battery

UPS VRLA



Rechargeable Sealed Lead Acid Maintenance Free Battery

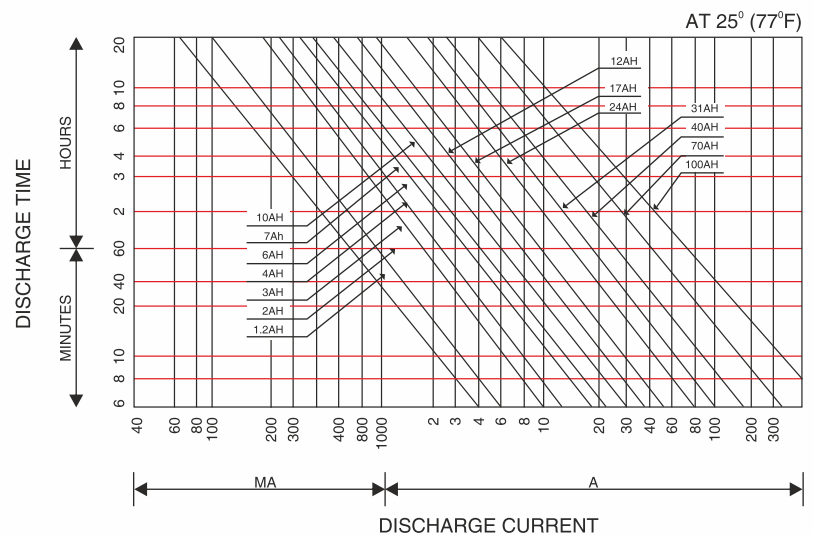
SMF BATTERY TECHNICAL DATA

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)

APPLICATIONS

Power Back up Applications

- USP power supply
- workstation USP
- Emergency lighting equipment
- Precision instrument back up power
- Fire alarm & Electronic Security Devices
- Communication & Telephony equipment
- Computers, Microcomputers & Servers
- Robotics, Automation & control equipment
- Factory Automation Systems
- Telemetry Equipment
- Switch room backup in power stations

Cyclic use Application :

- Golf Carts, Electric Vehicles
- Wheel Chairs, e-Bikes etc.
- Portable Measuring instruments
- Cameras and Photography equipments
- Electronic Toys and Devices

Solar Cell and Wide Power Generation Applications :

- Solar Lamps
- Street Lighting
- Traffic Signal Equipment
- Water Pumping system
- Small Town power system
- Wi-Fi Systems




Model No.	Nominal Voltage (V)	Rated Capacity @ 20 hr (AH)	Outline Dimensions mm				AH Capacity @ 20°C (68°F)			
			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
AT 4.5-12	12	4.5	90	70	101	107	4.20	4.05	3.83	3.38
AT 7.2-12	12	7.5	151	65	95	99	6.50	6.31	5.75	5.25
AT 9.0-12	12	9.0	151	65	95	99	7.60	7.20	6.80	6.40
AT 12-12	12	12	151	99	96	101	10.8	10.5	9.75	9.30
AT 18-12	12	18	181	76	167	167	16.7	16.2	15.3	13.8
AT 26-12	12	26	177	168	126	126	24	23.3	22.8	20.7
AT 45-12	12	45	196	165	171	171	41.8	39.6	37.5	33.5
AT 65-12	12	65	350	167	179	179	62.0	59.5	55.0	48.75
AT 80-12	12	80	259	169	208	211	76.0	72.0	68.0	60.0
AT 100-12	12	100	330	170	215	220	90.0	86.4	79.2	73.1
AT 150-12	12	150	480	170	240	240	135	130	119	110
AT 200-12	12	200	524	240	216	244	180	173	158	146



SPARCO DS GLOBAL LLP

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