



Hi-Power >



View of our corporate office and two manufacturing units at Jigani, Bangalore



>Xtra power
>Xtra life

COMPANY PROFILE

Inspired by the vision of its founder and driven by the resolve to bridge the demand-supply gap, Southern Batteries Pvt. Ltd was founded in 1980. Within a short span of time, Southern Batteries made its mark as a quality player in the secondary power storage industry. Today, it is one of India's leading manufacturers of Batteries.

Southern Batteries has three state-of-the-art manufacturing units and the entire process is in-house, right from plates to final assembled batteries to charging. It is blazing new trails of progress with its "Hi-Power" brand of batteries for various applications like Lead Acid Tubular Batteries, Valve Regulated Lead Acid (VRLA) Batteries, Flat Plate Batteries, Traction Batteries and Automotive Batteries.

"Hi-Power" lights up your world

Procured by almost all UPS and Inverter manufacturers, State Electricity Boards, Nuclear Power Corporation, Banks, Govt. organisations and educational institutions.

"Hi-Power" helps you tap solar energy

Sourced by all major solar players in India for solar photo voltaic applications.

"Hi-Power" keeps you on track

Approved and certified by Indian Railways - one of the world's largest networks for applications like train lighting, air-conditioning, cranking diesel locos, EMUs, signaling and telecommunication etc.

"Hi-Power" keeps you on the move

Automotive Batteries, built with special herringbone container design with unique Individual Flame Arrester for each cell, 'Z' Intercell Welding Technology and Highest Mass Index separates the Product and its features from competition.

Southern Batteries has forayed into the retail market and is marketing its products through a national network of branches and channel partners. To ensure total customer satisfaction, Southern Batteries has an exclusive customer service division managed by well-trained personnel. A responsible corporate citizen, it actively participates in solar power projects and works closely with manufacturers of electric vehicles. Southern Batteries seeks to reinforce its leadership by expanding its horizons with focus on Innovation, Quality and Sustainability.

Southern Batteries is certified for ISO-9001:2008, ISO-14001:2004 and BS-OHSAS-18001:2007



Applications

TELECOMMUNICATION

UPS

HOME UPS

INVERTER

RAILWAY

AUTOMOTIVE

SOLAR

MOTIVE POWER





Manufacturing Facility



Assembly Lines



Technical Specifications

| Sl.No. | Type | C20 Capacity | Nominal Voltage(V) | Battery Weight $\pm 5\%$ | | Overall Dimensions $\pm 3mm$ | | | Acid Vol (Approx. Ltrs. $\pm 5\%$) | Constant Current Charge Rate (Amps) | Trickle Charge Rate (mA) | |
|--------|------|--------------|--------------------|--------------------------|---------|------------------------------|-------|-------|-------------------------------------|-------------------------------------|--------------------------|------|
| | | | | Dry(Kg) | Wet(Kg) | L(mm) | W(mm) | H(mm) | | | Min. | Max. |

Hi-Power IMPACT Xtra Tubular Batteries

| | | | | | | | | | | | | |
|---|-----------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | IMP 1500T | 150 | 12 | 40.2 | 63.0 | 503 | 190 | 415 | 18.6 | 12.0 | 120 | 480 |
|---|-----------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|

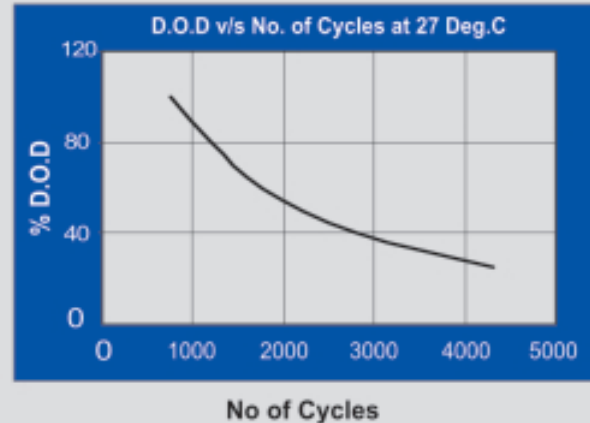
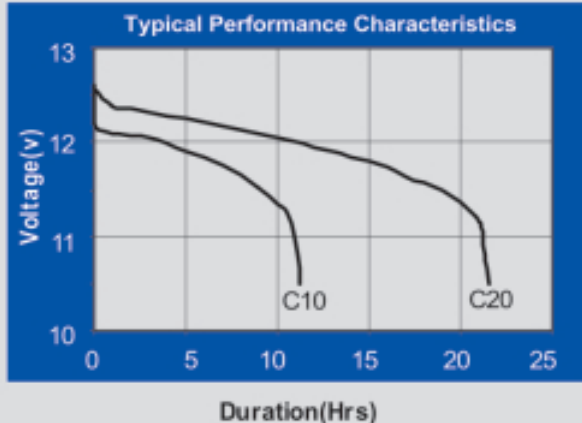
Hi-Power IMPACT Series of Tall Tubular Batteries

| | | | | | | | | | | | | |
|---|----------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | IMP 800 | 80 | 12 | 24.0 | 42.5 | 452 | 180 | 380 | 16.0 | 6.4 | 64 | 256 |
| 2 | IMP 1000 | 100 | 12 | 26.5 | 44.5 | 452 | 180 | 380 | 15.0 | 8.0 | 80 | 320 |
| 3 | IMP 1250 | 125 | 12 | 30.0 | 47.0 | 452 | 180 | 380 | 14.5 | 10.0 | 100 | 400 |
| 4 | IMP 1350 | 135 | 12 | 30.5 | 48.0 | 452 | 180 | 380 | 14.4 | 11.0 | 110 | 440 |
| 5 | IMP 1500 | 150 | 12 | 38.2 | 62.0 | 503 | 190 | 415 | 19.0 | 12.0 | 120 | 480 |
| 6 | IMP 1800 | 180 | 12 | 41.6 | 64.5 | 503 | 190 | 415 | 18.5 | 15.0 | 150 | 600 |
| 7 | IMP 2000 | 200 | 12 | 43.5 | 67.0 | 503 | 190 | 415 | 18.3 | 16.0 | 160 | 640 |
| 8 | IMP 2250 | 225 | 12 | 51.0 | 72.5 | 503 | 190 | 415 | 18.2 | 18.0 | 180 | 720 |

Hi-Power IMPACT GOLD Tubular Batteries

| | | | | | | | | | | | | |
|---|-----------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | IMPG 1000 | 100 | 12 | 26.0 | 39.5 | 513 | 212 | 248 | 12.5 | 8.0 | 80 | 320 |
| 2 | IMPG 1200 | 120 | 12 | 30.5 | 43.7 | 513 | 212 | 248 | 12.0 | 10.0 | 100 | 400 |
| 3 | IMPG 1500 | 150 | 12 | 35.5 | 52.5 | 518 | 275 | 250 | 14.9 | 12.0 | 120 | 480 |

Note: * specifications are subject to change without prior notice



Applications:

Inverter, UPS, Solar

Features:

Hi-Power IMPACT SERIES OF TUBULAR BATTERIES are rated at C20 capacity. *Batteries are designed to withstand frequent and long power cuts. *Assembled in Polypropylene containers with plate holding cradles. *Extra thick tubular plates as per Hi-Power Design. *Thick tubular plate spines are of low antimony alloy and cast in HADI / SUVEMA / ZIBO Machines at above 100 Bar pressure for super fine grain structure and minimized grid corrosion at high temperatures. *Negative plates are of low Antimony Alloy with lattice structure Micro Porous Ceramic vent cum sealed float plugs to reduce topping up frequency. *Resistance to corrosion and high ambient temperature. *Abuse resistant. *Low self discharge. *Deep Cycle design



Technical Specifications

| SL.NO. | TYPE | C10 CAPACITY(AH) | NOMINAL VOLTAGE(V) | BATTERY WEIGHT * | | Overall dimensions ± 3mm | | | Acid Vol (Approx. Ltrs.)±5% | Constant current Charge Rate (Amps) | Trickle Charge Rate (mA) | |
|--------|------|------------------|--------------------|------------------|-----------|--------------------------|-------|-------|-----------------------------|-------------------------------------|--------------------------|------|
| | | | | DRY(Kgs) | WET(Kgs) | L(mm) | W(mm) | H(mm) | | | Min. | Max. |

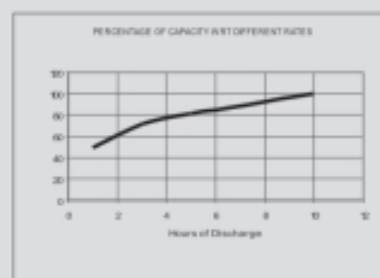
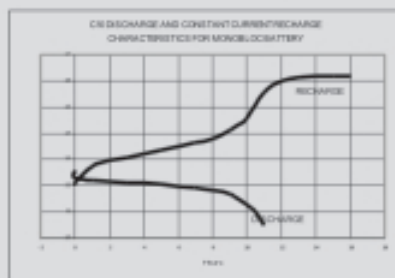
Hi-Power XL Invader Series Of Tubular Batteries

| | | | | | | | | | | | | |
|---|----------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | XLTT 80 | 80 | 12 | 27.5 | 45.3 | 452 | 180 | 380 | 14.8 | 8 | 80 | 320 |
| 2 | XLTT 100 | 100 | 12 | 30.5 | 48.0 | 452 | 180 | 380 | 14.2 | 10 | 100 | 400 |
| 3 | XLTT 120 | 120 | 12 | 37.2 | 54.2 | 452 | 180 | 380 | 14.6 | 12 | 120 | 480 |
| 4 | XLTT 130 | 130 | 12 | 40.2 | 55.5 | 452 | 180 | 380 | 14.5 | 13 | 130 | 520 |
| 5 | XLTT 135 | 135 | 12 | 41.0 | 56.0 | 452 | 180 | 380 | 14.3 | 13.5 | 135 | 540 |
| 6 | XLTT 150 | 150 | 12 | 41.2 | 63.6 | 503 | 190 | 415 | 18.0 | 15 | 150 | 600 |
| 7 | XLTT160 | 160 | 12 | 44.5 | 68.4 | 503 | 190 | 415 | 17.5 | 16 | 160 | 640 |
| 8 | XLTT 180 | 180 | 12 | 54.7 | 74.5 | 503 | 190 | 415 | 17.0 | 18 | 180 | 720 |
| 9 | XLTT 200 | 200 | 12 | 56.5 | 75.7 | 503 | 190 | 415 | 16.0 | 20 | 200 | 800 |

Hi-Power PPT Series Of Tubular Batteries

| | | | | | | | | | | | | |
|----|-------------|-----|----|------|------|-----|-----|-----|------|-----|-----|-----|
| 1 | 6 SB 20PPT | 20 | 12 | 8.3 | 14.3 | 260 | 173 | 235 | 4.7 | 2 | 20 | 80 |
| 2 | 6 SB 30PPT | 30 | 12 | 12.2 | 17.5 | 260 | 173 | 235 | 4.5 | 3 | 30 | 120 |
| 3 | 6 SB 40PPT | 40 | 12 | 13.4 | 18.6 | 260 | 173 | 235 | 4.3 | 4 | 40 | 160 |
| 4 | 6 SB 50PPT | 50 | 12 | 17.0 | 26.0 | 410 | 174 | 245 | 8.0 | 5 | 50 | 200 |
| 5 | 6 SB 60PPT | 60 | 12 | 20.0 | 29.3 | 410 | 174 | 245 | 7.8 | 6 | 60 | 240 |
| 6 | 6 SB 66PPT | 66 | 12 | 20.5 | 29.5 | 410 | 174 | 245 | 7.7 | 6.6 | 66 | 264 |
| 7 | 6 SB 75PPT | 75 | 12 | 21.1 | 33.0 | 410 | 174 | 245 | 7.5 | 7.5 | 75 | 300 |
| 8 | 6 SB 80PPT | 80 | 12 | 25.8 | 39.7 | 513 | 212 | 248 | 13.5 | 8 | 80 | 320 |
| 9 | 6 SB 100PPT | 100 | 12 | 31.0 | 46.6 | 513 | 212 | 248 | 13.0 | 10 | 100 | 400 |
| 10 | 6 SB 120PPT | 120 | 12 | 35.8 | 54.3 | 518 | 275 | 250 | 14.9 | 12 | 120 | 480 |
| 11 | 6 SB 130PPT | 130 | 12 | 37.0 | 57.0 | 518 | 275 | 250 | 14.5 | 13 | 130 | 520 |
| 12 | 6 SB 150PPT | 150 | 12 | 42.4 | 60.0 | 518 | 275 | 250 | 14.4 | 15 | 150 | 600 |

Note: * Tolerance for weight is +/-5% and specifications are subject to change without prior notice.



Features:

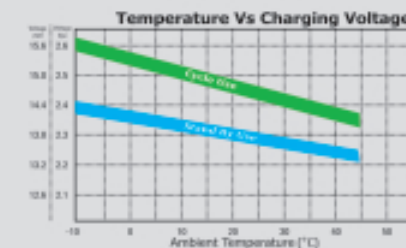
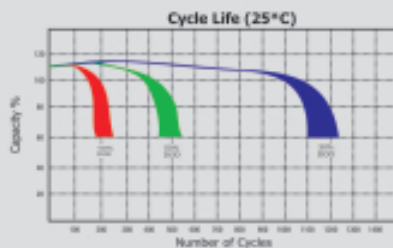
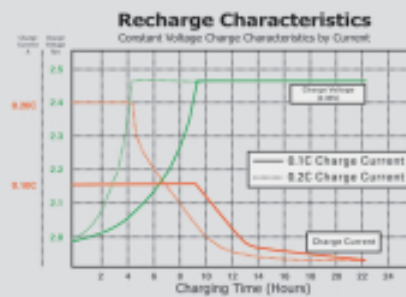
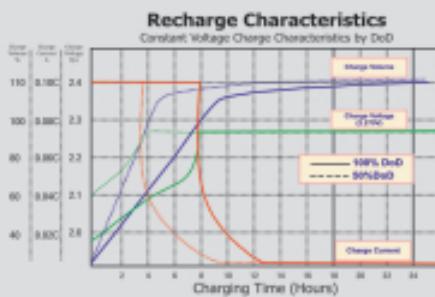
Hi-Power INVADER TUBULAR BATTERIES rated at C10 rate. These batteries are assembled in PPCP containers with plate holding cradles with tubular positives and lattice grid pasted negatives made with special lead alloy for minimized gas generation during service. The cells are provided with micro porous ceramic vent cum sealed float plugs which allow the liberated gases to escape allowing the water droplets to trap within cells, this reduces the topping up frequency. The level indicators provided on cells indicate the requirement of topping up during service. Compared to flat dimensional battery the frequency of topping up is improved to once a year by providing additional electrolyte height above plate top in tall version of batteries. This is elevated further with proper system charge controller voltage settings.



Technical Specifications

Note: Batteries are despatched from factory with minimum 95% state of charge. Full capacity is achieved after a minimum five numbers of charge - discharge at full depth or 3 months of continuous float operation

| Battery Type | Nominal Voltage (V) | Rated Capacity(Ah) at 27deg C | | | | | | Dimension in mm | | | | Weight (Kg.) +/- 5% | Terminal Type | Internal Resistance (m-ohm) | Maximum Discharge Current 5 Sec. (Amps) |
|--------------|---------------------|-------------------------------|-------------------|------------------|------------------|--------------------|--------------------|-----------------|-------------|----------------------|------------------------|---------------------|---------------|-----------------------------|---|
| | | 20hour 1.75V/cell | 10hour 1.75V/cell | 5hour 1.75V/cell | 3hour 1.75V/cell | 60 mins 1.75V/cell | 30 mins 1.75V/cell | Length +/- 2 | Width +/- 2 | Overall Height +/- 3 | Height up to lid +/- 3 | | | | |
| SB 7.2 -12 | 12 | 7.2 | 6.8 | 6.0 | 5.3 | 4.2 | 3.4 | 152 | 65 | 101 | 94 | 2.35 | F2 Tab | 23.0 | 108 |
| SB 18 -12 | 12 | 18 | 17.0 | 14.5 | 13.0 | 11.0 | 8.5 | 182 | 78 | 167 | 167 | 5.50 | M5 Flag | 14.0 | 270 |
| SB 26 -12 | 12 | 26 | 24.7 | 21.5 | 19.0 | 15.6 | 12.3 | 165 | 125 | 175 | 175 | 9.10 | M5 Flag | 8.5 | 390 |
| SB 42 -12 | 12 | 42 | 39.0 | 35.0 | 31.0 | 24.5 | 19.0 | 197 | 167 | 170 | 170 | 13.00 | M6 Threaded | 7.5 | 630 |
| SB 65 - 12 | 12 | 65 | 61.8 | 54.0 | 49.0 | 39.0 | 30.0 | 350 | 166 | 175 | 175 | 20.50 | M6 Threaded | 6.0 | 975 |
| SB 75 - 12 | 12 | 75 | 71.3 | 62.5 | 55.0 | 46.5 | 35.0 | 260 | 168 | 223 | 223 | 23.00 | M6 Threaded | 5.5 | 1125 |
| SB 100 -12 | 12 | 100 | 95.0 | 83.0 | 73.0 | 60.0 | 47.5 | 330 | 173 | 220 | 215 | 31.50 | M8 Threaded | 4.0 | 1500 |
| SB 120 - 12 | 12 | 120 | 115.0 | 100.0 | 87.0 | 70.0 | 57.0 | 406 | 172 | 238 | 210 | 37.00 | M8 Threaded | 3.5 | 1800 |



Product Applications

- Uninterruptible Power Supply (UPS)
- Solar Lanterns
- Solar Powered Systems
- Emergency Lighting Systems
- Computers & Allied products
- Communication Equipment
- Power Packs
- Electrical Substations & Switch Gear Applications
- Consumer Electronics
- Electronic Test Equipments
- Medical Equipments
- Geo-physical Equipments

Features:

- Maintenance Free & non-spillable sealed construction.
- Advanced AGM & AGM GEL VRLA Technology ensures maintenance free operation.
- Use of high-purity calcium alloy maximizes the service life of HI-POWER VRLA Batteries.
- Usage of High Grade -Pure Raw materials ensures low self discharge and long shelf life characteristics.
- Excellent deep discharge recovery and charge acceptance characteristics.
- International Size, easy to install & freedom to installation orientation.
- Eco- Friendly & completely recyclable after the end of life.
- Deep cycle Application.



Technical Specifications

| Sl.No. | Type | C10 Capacity | Nominal Voltage(V) | Battery Weight $\pm 5\%$ | | Overall Dimensions $\pm 3\text{mm}$ | | | Acid Vol (Approx. Ltrs.) $\pm 5\%$ | Constant Current Charge Rate (Amps) | Trickle Charge Rate (mA) | |
|--------|------|--------------|--------------------|--------------------------|---------|-------------------------------------|-------|-------|------------------------------------|-------------------------------------|--------------------------|------|
| | | | | Dry(Kg) | Wet(Kg) | L(mm) | W(mm) | H(mm) | | | Min. | Max. |

SOLAR 2V SERIES PPCP BATTERIES

| | | | | | | | | | | | | |
|----|-----------|------|---|------|-------|-----|-----|-----|------|-----|------|------|
| 1 | SB 100 P | 100 | 2 | 7.9 | 11.5 | 166 | 134 | 308 | 3.0 | 10 | 100 | 400 |
| 2 | SB 150 P | 150 | 2 | 8.8 | 17.5 | 166 | 172 | 378 | 7.0 | 15 | 150 | 600 |
| 3 | SB 200 P | 200 | 2 | 10.7 | 19.2 | 166 | 172 | 378 | 6.8 | 20 | 200 | 800 |
| 4 | SB 300 P | 300 | 2 | 16.3 | 30.0 | 315 | 172 | 417 | 11.0 | 30 | 300 | 1200 |
| 5 | SB 400 P | 400 | 2 | 19.5 | 32.0 | 315 | 172 | 417 | 10.5 | 40 | 400 | 1600 |
| 6 | SB 500 P | 500 | 2 | 23.2 | 36.0 | 315 | 172 | 417 | 10.3 | 50 | 500 | 2000 |
| 7 | SB 600 P | 600 | 2 | 26.6 | 48.0 | 390 | 172 | 492 | 17.3 | 60 | 600 | 2400 |
| 8 | SB 800 P | 800 | 2 | 35.2 | 55.5 | 390 | 172 | 492 | 16.3 | 80 | 800 | 3200 |
| 9 | SB 1000 P | 1000 | 2 | 53.5 | 98.5 | 477 | 236 | 592 | 36.0 | 100 | 1000 | 4000 |
| 10 | SB 1200 P | 1200 | 2 | 59.8 | 103.0 | 477 | 236 | 592 | 35.0 | 120 | 1200 | 4800 |
| 11 | SB 1500 P | 1500 | 2 | 66.8 | 108.0 | 477 | 236 | 592 | 34.0 | 150 | 1500 | 6000 |

SOLAR 12V PP SERIES PPCP BATTERIES

| | | | | | | | | | | | | |
|----|--------------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | 6SB 20 PPT | 20 | 12 | 9 | 14.8 | 260 | 174 | 235 | 5.0 | 2.0 | 20 | 80 |
| 2 | 6SB 40 PPT | 40 | 12 | 13.3 | 23.3 | 410 | 174 | 245 | 8.2 | 4.0 | 40 | 160 |
| 3 | 6SB 66 PPT | 66 | 12 | 19.0 | 27.5 | 410 | 174 | 245 | 7.7 | 6.6 | 66 | 264 |
| 4 | 6SB 75 PPT | 75 | 12 | 23.0 | 34.8 | 510 | 181 | 250 | 11.0 | 7.5 | 75 | 300 |
| 5 | 6SB 100 PPT | 100 | 12 | 30.5 | 44.3 | 513 | 212 | 248 | 13.0 | 10.0 | 100 | 400 |
| 6 | 6SB 120 PPT | 120 | 12 | 34.8 | 52.2 | 518 | 275 | 250 | 14.9 | 12.0 | 120 | 480 |
| 7 | 6SB 75 XLTT | 75 | 12 | 26.0 | 44.2 | 452 | 180 | 380 | 15.6 | 7.5 | 75 | 300 |
| 8 | 6SB 100 XLTT | 100 | 12 | 30.6 | 48.1 | 452 | 180 | 380 | 15.2 | 10 | 100 | 400 |
| 8 | 6SB 120 XLTT | 120 | 12 | 34.5 | 51.7 | 452 | 180 | 380 | 14.6 | 12 | 120 | 480 |
| 9 | 6SB 150 XLTT | 150 | 12 | 40.8 | 63.6 | 503 | 190 | 415 | 19.0 | 15 | 150 | 600 |
| 10 | 6SB 180 XLTT | 180 | 12 | 50.4 | 72.2 | 503 | 190 | 415 | 18.2 | 18 | 180 | 720 |

SOLAR 12V LPPT SERIES PPCP BATTERIES

| | | | | | | | | | | | | |
|---|--------------|-----|----|------|------|-----|-----|-----|------|------|-----|-----|
| 1 | 6SB 40 LPPT | 40 | 12 | 12.4 | 22.6 | 410 | 174 | 245 | 8.2 | 4.0 | 40 | 160 |
| 2 | 6SB 60 LPPT | 60 | 12 | 16.8 | 26.4 | 410 | 174 | 245 | 7.7 | 6.6 | 66 | 264 |
| 3 | 6SB 75 LPPT | 75 | 12 | 20.2 | 33.8 | 510 | 181 | 250 | 11.0 | 7.5 | 75 | 300 |
| 4 | 6SB 100 LPPT | 100 | 12 | 26.1 | 42.2 | 513 | 212 | 248 | 13.0 | 10.0 | 100 | 400 |

Note : Specification are subject to change without prior notice.

Applications:

- Solar Street Lighting
- Domestic Home Lighting
- Windmill Power Generating Systems
- Power Plants

Features:

Hi-Power Solar Photovoltaic Application cells are assembled in PPCP containers with plate holding cradles and assembled with tubular positives and lattice grid pasted negatives made with special lead alloy for minimized gas generation during service. The cells are provided with micro porous ceramic vent plugs which allow the liberated gases to escape allowing the water droplets to trap within cells this reduces the topping up frequency. The level indicators provided on cells indicate the requirement of topping up during service. The frequency of topping up is once every year. This is elevated further with proper system charge controller voltage settings



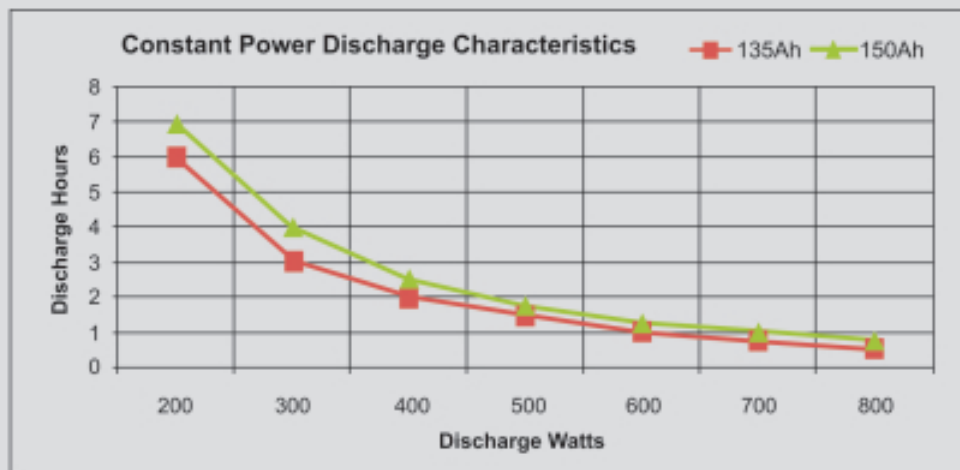
Technical Specifications

Hi-Power pro-lite flat plate batteries are specially designed for Inverter applications and are powered with Xtra thick flat pasted plates with hybrid grids for long duration & enhanced service life. They are user friendly batteries with low internal resistance and have a steady voltage profile during short & long discharges. Moreover this flat plate battery comes with the sealed float and ceramic filter plugs, help easy maintenance of electrolyte level and ensure no fume emissions.

| MODEL | NOMINAL VOLTAGE | CAPACITY C ₂₀ in Ah | DIMENSION in mm (±3) | | | WEIGHT in Kgs ±3% | | VOLUME OF ACID IN Litres | CHARGING CURRENT - CONSTANT POTENTIAL MODE | | | |
|--------|-----------------|--------------------------------|----------------------|-------|--------|-------------------|--------|--------------------------|--|-------------|-------------------|-----|
| | | | LENGTH | WIDTH | HEIGHT | DRY | FILLED | | BOOST MODE (A) | | TRICKLE MODE (mA) | |
| | | | | | | | | | START RATE | FINISH RATE | MIN | MAX |
| PL-135 | 12 | 135 | 513 | 212 | 248 | 31.50 | 46.50 | 12.00 | 13.50 | 6.75 | 120 | 460 |
| PL-150 | 12 | 150 | 513 | 212 | 248 | 33.50 | 48.75 | 12.20 | 15.00 | 7.50 | 130 | 500 |

High Rate Discharge (optional)

| MODEL | C ₁₀ Ah | C ₅ Ah | C ₂ Ah | C ₁ Ah |
|--------|--------------------|-------------------|-------------------|-------------------|
| PL-135 | 114 | 95 | 81.50 | 54.70 |
| PL-150 | 127 | 106 | 91.00 | 61.00 |



Features :-

- Xtra thick plates ensures long life & performance.
- Better thermal management.
- Customized specially for Inverter application.
- Hybrid alloy Ultra low maintenance .
- Smart and Sleek appearance.
- Very long Service Life.
- Composite separator with lowest electrical resistance and highest electrochemical oxidation resistance property.
- Unique combination of Hybrid alloy & composite separator ensures good charge acceptance, best suitable for frequent power cuts.



Technical Specifications

Automobile Batteries have been designed by understanding the Indian Tropical climate and Start - stop drive tagged under Superior Flooded Battery Technology: Proven technology that delivers inexhaustible power reserves to meet any challenge

Hi-Power Automobile batteries with this unique spirit of innovation, that they're completely maintenance-free and have significantly longer service life, improved safety and more power gives you the pleasure of driving uninterrupted. Use of advanced Hybrid alloy is unique among Indian manufacturers by which Hi-Kruze Battery reduces water loss to a \ minimum. The use of thicker electrodes also increases cyclic stability against the conventional flooded automobile batteries.

HI-KRUZE

| BATTERY TYPE | PART NUMBER | CAPACITY (AH) 20HR (REF) | MAXIMUM OVERALL DIMENSIONS | | | NOMINAL FILLED WEIGHT | ELECTROLYTE VOLUME (LTR) | CHARGING CURRENT (AMPS) | MAGIC EYE | BATTERY LAYOUT |
|--------------|-------------|--------------------------|----------------------------|-------|-------|-----------------------|--------------------------|-------------------------|-----------|----------------|
| | | | L (MM) | W(MM) | H(MM) | | | | | |
| NS40Z | SB 38B20R | 35 | 198 | 131 | 226 | 12.30 | 2.50 | 2.5 | Present | |
| NS40ZL | SB 38B20L | 35 | 198 | 131 | 226 | 12.30 | 2.50 | 2.5 | Present | |
| N50Z | SB 80D26R | 65 | 262 | 173 | 226 | 19.40 | 4.30 | 4.5 | Present | |
| N50ZL | SB 80D26L | 65 | 262 | 173 | 226 | 19.40 | 4.30 | 4.5 | Present | |
| N70Z | SB 95D31R | 80 | 308 | 175 | 226 | 25.00 | 5.50 | 5.5 | Present | |
| N70ZL | SB 95D31L | 80 | 308 | 175 | 226 | 25.00 | 5.50 | 5.5 | Present | |

KRISHAK SHAKTI

| BATTERY TYPE | PART NUMBER | CAPACITY (AH) 20HR (REF) | MAXIMUM OVERALL DIMENSIONS | | | NOMINAL FILLED WEIGHT (KGS) | ELECTROLYTE VOLUME (LTR) | CHARGING CURRENT (AMPS) | MAGIC EYE | BATTERY LAYOUT |
|--------------|-------------|--------------------------|----------------------------|-------|-------|-----------------------------|--------------------------|-------------------------|-----------|----------------|
| | | | L (MM) | W(MM) | H(MM) | | | | | |
| N100 | SB 80E41R | 90 | 412 | 178 | 236 | 29.50 | 7.70 | 5.5 | Present | |
| N100L | SB 80E41L | 90 | 412 | 178 | 236 | 29.50 | 7.70 | 5.5 | Present | |
| N100 | SB 95E41R | 100 | 412 | 178 | 236 | 31.00 | 7.40 | 6.5 | Present | |
| N100L | SB 95E41L | 100 | 412 | 178 | 236 | 31.00 | 7.40 | 6.5 | Present | |

HI-MILEZ

| BATTERY TYPE | PART NUMBER | CAPACITY (AH) 20HR (REF) | MAXIMUM OVERALL DIMENSIONS | | | NOMINAL FILLED WEIGHT (KGS) | ELECTROLYTE VOLUME (LTR) | CHARGING CURRENT (AMPS) | MAGIC EYE |
|--------------|-------------|--------------------------|----------------------------|-------|-------|-----------------------------|--------------------------|-------------------------|-----------|
| | | | L (MM) | W(MM) | H(MM) | | | | |
| N100 | SB 95E41 | 100 | 412 | 178 | 236 | 31.00 | 7.40 | 6.5 | Present |
| N120 | SB 115F51 | 120 | 513 | 184 | 237 | 38.20 | 10.00 | 8.0 | Present |
| N135 | SB 145F51 | 135 | 513 | 184 | 237 | 40.00 | 9.70 | 8.5 | Present |
| N150 | SB 145G51 | 150 | 515 | 215 | 240 | 45.70 | 11.50 | 9.0 | Present |
| N180 | SB 180H52 | 180 | 520 | 275 | 247 | 54.30 | 15.00 | 13.0 | Present |
| N200 | SB 190H52 | 200 | 520 | 275 | 247 | 57.80 | 14.50 | 14.0 | Present |

Features

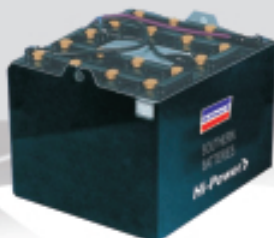
- Maintenance Free batteries with advanced hybrid system - No topping up.
- Superior starting power, instant ignition – Widest lugs and Largest Inter cell welds.
- Sturdy plate design with lower corrosion rates – Long life.
- Glass mat lined Polyethylene envelopes virtually eliminates electrical short caused by vibration and shedding of active material due to shocks.
- Special Reinforced container design fitted with coin flush vent plugs - Excellent spill resistance characteristics.
- Magic eye: Easy to ascertain the state of the charge as well as electrolyte level of the battery.
- Toughest and Highest mass index among the competitors.
- Factory – Charged battery in ready to use condition.



Technical Specifications

| Type | Capacity C ₅ 30° C | Length mm ±2 mm | Width mm ± 2 mm | Overall Height mm ± 5 mm | Height upto lid top mm ± 5 mm | Dry weight Kg ± 5 % | Acid Volume Litre | Filled Weight Kg ± 5 % | Charging Current | | | | |
|--------|----------------------------------|-----------------------|-----------------------|--------------------------------|-------------------------------------|------------------------------|-------------------------|---------------------------------|------------------------------|---------------------|-----------------|----------------------------|--|
| | | | | | | | | | Taper Charging - Single Step | | | Equalising Rate Amps | Constant current charging rate Amps |
| | | | | | | | | | 2.1 vpc | | | | |
| | | | | | | | | | Taper 2:1 Amps | Taper 1.7:1 Amps | 2.5 vpc Amps | | |
| 10505D | 180 | 47 | 198 | 490 | 460 | 9.3 | 2.0 | 11.9 | 22.5 | 20.3 | 13.5 | 5.4 | 10.8 |
| 10507D | 270 | 65 | 198 | 490 | 460 | 13.5 | 3.1 | 17.6 | 33.8 | 30.4 | 20.3 | 8.1 | 16.2 |
| 10509D | 360 | 83 | 198 | 490 | 460 | 17.6 | 4.2 | 23.0 | 45.0 | 40.5 | 27.0 | 10.8 | 21.6 |
| 10511D | 450 | 101 | 198 | 490 | 460 | 21.8 | 5.1 | 28.4 | 56.3 | 50.6 | 33.8 | 13.5 | 27.0 |
| 10513D | 540 | 119 | 198 | 490 | 460 | 26.0 | 6.2 | 34.0 | 67.5 | 60.8 | 40.5 | 16.2 | 32.4 |
| 10515D | 630 | 137 | 198 | 490 | 460 | 30.1 | 7.2 | 39.4 | 78.8 | 70.9 | 47.3 | 18.9 | 37.8 |
| 10517D | 720 | 155 | 198 | 490 | 460 | 34.3 | 8.2 | 44.9 | 90.0 | 81.0 | 54.0 | 21.6 | 43.2 |
| 10519D | 810 | 173 | 198 | 490 | 460 | 38.4 | 9.3 | 50.4 | 101.3 | 91.1 | 60.8 | 24.3 | 48.6 |
| 10521D | 900 | 191 | 198 | 490 | 460 | 42.6 | 10.2 | 55.8 | 112.5 | 101.3 | 67.5 | 27.0 | 54.0 |
| 12505D | 210 | 47 | 198 | 540 | 510 | 10.5 | 2.2 | 13.4 | 26.3 | 23.6 | 15.8 | 6.3 | 12.6 |
| 12507D | 315 | 65 | 198 | 540 | 510 | 15.3 | 3.5 | 19.7 | 39.4 | 35.4 | 23.6 | 9.5 | 18.9 |
| 12509D | 420 | 83 | 198 | 540 | 510 | 19.9 | 4.6 | 25.9 | 52.5 | 47.3 | 31.5 | 12.6 | 25.2 |
| 12511D | 525 | 101 | 198 | 540 | 510 | 24.6 | 5.7 | 32.0 | 65.6 | 59.1 | 39.4 | 15.8 | 31.5 |
| 12513D | 630 | 119 | 198 | 540 | 510 | 29.3 | 6.9 | 38.2 | 78.8 | 70.9 | 47.3 | 18.9 | 37.8 |
| 12515D | 735 | 137 | 198 | 540 | 510 | 34.0 | 8.0 | 44.3 | 91.9 | 82.7 | 55.1 | 22.1 | 44.1 |
| 12517D | 840 | 155 | 198 | 540 | 510 | 38.7 | 9.1 | 50.5 | 105.0 | 94.5 | 63.0 | 25.2 | 50.4 |
| 12519D | 945 | 173 | 198 | 540 | 510 | 43.4 | 10.3 | 56.8 | 118.1 | 106.3 | 70.9 | 28.4 | 56.7 |
| 12521D | 1050 | 191 | 198 | 540 | 510 | 48.1 | 11.4 | 62.9 | 131.3 | 118.1 | 78.8 | 31.5 | 63.0 |
| 13505D | 230 | 47 | 198 | 565 | 535 | 11.1 | 2.3 | 14.1 | 28.8 | 25.9 | 17.3 | 6.9 | 13.8 |
| 13507D | 345 | 65 | 198 | 565 | 535 | 16.1 | 3.7 | 20.9 | 43.1 | 38.8 | 25.9 | 10.4 | 20.7 |
| 13509D | 460 | 83 | 198 | 565 | 535 | 21.1 | 4.9 | 27.4 | 57.5 | 51.8 | 34.5 | 13.8 | 27.6 |
| 13511D | 575 | 101 | 198 | 565 | 535 | 26.1 | 6.0 | 33.8 | 71.9 | 64.7 | 43.1 | 17.3 | 34.5 |
| 13513D | 690 | 119 | 198 | 565 | 535 | 31.0 | 7.3 | 40.4 | 86.3 | 77.6 | 51.8 | 20.7 | 41.4 |
| 13515D | 805 | 137 | 198 | 565 | 535 | 36.0 | 8.4 | 46.8 | 100.6 | 90.6 | 60.4 | 24.2 | 48.3 |
| 13517D | 920 | 155 | 198 | 565 | 535 | 41.0 | 9.6 | 53.4 | 115.0 | 103.5 | 69.0 | 27.6 | 55.2 |
| 13519D | 1035 | 173 | 198 | 565 | 535 | 46.0 | 10.9 | 60.0 | 129.4 | 116.4 | 77.6 | 31.1 | 62.1 |
| 13521D | 1150 | 191 | 198 | 565 | 535 | 51.0 | 12.0 | 66.4 | 143.8 | 129.4 | 86.3 | 34.5 | 69.0 |
| 14505D | 250 | 47 | 198 | 601 | 571 | 11.9 | 2.5 | 15.1 | 31.3 | 28.1 | 18.8 | 7.5 | 15.0 |
| 14507D | 375 | 65 | 198 | 601 | 571 | 17.3 | 3.9 | 22.4 | 46.9 | 42.2 | 28.1 | 11.3 | 22.5 |
| 14509D | 500 | 83 | 198 | 601 | 571 | 22.7 | 5.2 | 29.4 | 62.5 | 56.3 | 37.5 | 15.0 | 30.0 |
| 14511D | 625 | 101 | 198 | 601 | 571 | 28.0 | 6.4 | 36.2 | 78.1 | 70.3 | 46.9 | 18.8 | 37.5 |
| 14513D | 750 | 119 | 198 | 601 | 571 | 33.4 | 7.8 | 43.4 | 93.8 | 84.4 | 56.3 | 22.5 | 45.0 |
| 14515D | 875 | 137 | 198 | 601 | 571 | 38.7 | 9.0 | 50.3 | 109.4 | 98.4 | 65.6 | 26.3 | 52.5 |
| 14517D | 1000 | 155 | 198 | 601 | 571 | 44.1 | 10.3 | 57.3 | 125.0 | 112.5 | 75.0 | 30.0 | 60.0 |
| 14519D | 1125 | 173 | 198 | 601 | 571 | 49.4 | 11.6 | 64.4 | 140.6 | 126.6 | 84.4 | 33.8 | 67.5 |
| 14521D | 1250 | 191 | 198 | 601 | 571 | 54.8 | 12.8 | 71.3 | 156.3 | 140.6 | 93.8 | 37.5 | 75.0 |
| 16505D | 280 | 47 | 198 | 715 | 685 | 13.8 | 3.0 | 17.7 | 35.0 | 31.5 | 21.0 | 8.4 | 16.8 |
| 16507D | 420 | 65 | 198 | 715 | 685 | 20.2 | 4.7 | 26.2 | 52.5 | 47.3 | 31.5 | 12.6 | 25.2 |
| 16509D | 560 | 83 | 198 | 715 | 685 | 26.4 | 6.3 | 34.5 | 70.0 | 63.0 | 42.0 | 16.8 | 33.6 |
| 16511D | 700 | 101 | 198 | 715 | 685 | 32.7 | 7.7 | 42.6 | 87.5 | 78.8 | 52.5 | 21.0 | 42.0 |
| 16513D | 840 | 119 | 198 | 715 | 685 | 38.9 | 9.3 | 51.0 | 105.0 | 94.5 | 63.0 | 25.2 | 50.4 |
| 16515D | 980 | 137 | 198 | 715 | 685 | 45.2 | 10.8 | 59.1 | 122.5 | 110.3 | 73.5 | 29.4 | 58.8 |
| 16517D | 1120 | 155 | 198 | 715 | 685 | 51.5 | 12.3 | 67.4 | 140.0 | 126.0 | 84.0 | 33.6 | 67.2 |
| 16519D | 1260 | 173 | 198 | 715 | 685 | 57.8 | 14.0 | 75.8 | 157.5 | 141.8 | 94.5 | 37.8 | 75.6 |
| 16521D | 1400 | 191 | 198 | 715 | 685 | 64.1 | 15.4 | 83.9 | 175.0 | 157.5 | 105.0 | 42.0 | 84.0 |
| 18505D | 310 | 47 | 198 | 742 | 712 | 14.8 | 3.2 | 18.9 | 38.8 | 34.9 | 23.3 | 9.3 | 18.6 |
| 18507D | 465 | 65 | 198 | 742 | 712 | 21.5 | 4.9 | 27.8 | 58.1 | 52.3 | 34.9 | 14.0 | 27.9 |
| 18509D | 620 | 83 | 198 | 742 | 712 | 28.0 | 6.5 | 36.5 | 77.5 | 69.8 | 46.5 | 18.6 | 37.2 |
| 18511D | 775 | 101 | 198 | 742 | 712 | 34.6 | 8.1 | 45.0 | 96.9 | 87.2 | 58.1 | 23.3 | 46.5 |
| 18513D | 930 | 119 | 198 | 742 | 712 | 41.1 | 9.8 | 53.8 | 116.3 | 104.6 | 69.8 | 27.9 | 55.8 |
| 18515D | 1085 | 137 | 198 | 742 | 712 | 47.7 | 11.3 | 62.3 | 135.6 | 122.1 | 81.4 | 32.6 | 65.1 |
| 18517D | 1240 | 155 | 198 | 742 | 712 | 54.3 | 12.9 | 71.0 | 155.0 | 139.5 | 93.0 | 37.2 | 74.4 |
| 18519D | 1395 | 173 | 198 | 742 | 712 | 60.9 | 14.6 | 79.8 | 174.4 | 156.9 | 104.6 | 41.9 | 83.7 |
| 18521D | 1550 | 191 | 198 | 742 | 712 | 67.5 | 16.1 | 88.3 | 193.8 | 174.4 | 116.3 | 46.5 | 93.0 |

“Custom-Built types can also be supplied”



Technical Specifications

BATTERIES & CELLS FOR VARIOUS RAILWAY APPLICATIONS

RDSO - Signaling & Telecommunication

| SL.NO. | TYPE | C10 CAPACITY | NOMINAL VOLTAGE(V) | BATTERY WEIGHT \pm 5% | | OVERALL DIMENSIONS \pm 3mm | | | ACID VOL (APPROX. Ltrs.) \pm 5% | CONSTANT CURRENT CHARGE RATES (AMPS) |
|--------|-----------------|--------------|--------------------|-------------------------|---------|------------------------------|-------|-------|-----------------------------------|--------------------------------------|
| | | | | DRY(kg) | WET(kg) | L(mm) | W(mm) | H(mm) | | |
| 1 | SB40ST (T40H) | 40 | 2 | 4.8 | 6.3 | 96 | 168 | 300 | 1.3 | 4 |
| 2 | SB80ST (T80H) | 80 | 2 | 8.1 | 11.1 | 142 | 172 | 330 | 2.5 | 8 |
| 3 | SB120ST (T120H) | 120 | 2 | 10.8 | 15.2 | 142 | 172 | 378 | 3.6 | 12 |
| 4 | SB200ST (T200H) | 200 | 2 | 18.2 | 25.3 | 187 | 187 | 440 | 5.9 | 20 |
| 5 | SB300ST (T300H) | 300 | 2 | 26.4 | 37.2 | 315 | 185 | 460 | 9.4 | 30 |
| 6 | SB400ST (T400H) | 400 | 2 | 28.4 | 43.7 | 315 | 185 | 460 | 12.8 | 40 |
| 7 | SB500ST (T500H) | 500 | 2 | 45.6 | 61.8 | 375 | 188 | 500 | 13.8 | 50 |

RDSO - Electrical & AC Coaches

| | | | | | | | | | | |
|---|----------|-----|---|------|------|-----|-----|-----|------|------|
| 1 | 3SB120R2 | 120 | 6 | 22.5 | 41.5 | 452 | 180 | 382 | 15.7 | 32 |
| 2 | SB525R | 525 | 2 | 40.3 | 60.3 | 398 | 189 | 497 | 17.0 | 52.5 |
| 3 | SB800R | 800 | 2 | 57.5 | 76.0 | 398 | 189 | 497 | 15.0 | 80 |

RDSO - Electrical Meter Gauge

| | | | | | | | | | | |
|---|--------|-----|---|------|------|-----|-----|-----|-----|----|
| 1 | SB210R | 210 | 2 | 20.2 | 30.8 | 258 | 200 | 360 | 8.9 | 21 |
|---|--------|-----|---|------|------|-----|-----|-----|-----|----|

RDSO - Motive Power For Locomotive

| | | | | | | | | | | |
|---|-------------|-----|---|-------|-------|-----|-----|-----|------|----|
| 1 | 4SB450DL-LM | 450 | 8 | 109.3 | 138.9 | 723 | 200 | 467 | 24.5 | 45 |
| 2 | 4SB500DL-LM | 500 | 8 | 120.5 | 151.2 | 725 | 200 | 496 | 25.7 | 50 |

RDSO - Electric Multiple Unit

| SL.NO. | TYPE | C5 CAPACITY | NOMINAL VOLTAGE(V) | BATTERY WEIGHT \pm 5% | | OVERALL DIMENSIONS \pm 3mm | | | ACID VOL (APPROX. Ltrs.) \pm 5% | CONSTANT CURRENT CHARGE RATES (AMPS) |
|--------|----------|-------------|--------------------|-------------------------|---------|------------------------------|-------|-------|-----------------------------------|--------------------------------------|
| | | | | DRY(kg) | WET(kg) | L(mm) | W(mm) | H(mm) | | |
| 1 | 5 SB 75R | 75 | 10 | 26.5 | 39.7 | 355 | 214 | 363 | 10.7 | 15 |
| 2 | 5 SB 90R | 90 | 10 | 27.5 | 40.1 | 355 | 214 | 363 | 10.2 | 18 |



ISO Certifications

Certificate

Standard **ISO 9001:2008**
 Certificate Registr. No. **01 100 106878/01**

TÜV Rheinland Cert GmbH certifies:
Certificate Holder: Southern Batteries Pvt. Ltd. Unit II
 Unit - 1, No. 328, Bommasandra Industrial Area,
 Bommasandra, Bangalore - 562106, India

Scope: Design, Development, Manufacturing, Installation and Servicing of VRLA and Automotive Batteries

An audit was performed, Report No. 106878. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.
 The due date for all future audits is 19-08 (dd.mm).

Validity: The certificate is valid from 2010-10-08 until 2013-10-07.

2010-10-08



TÜV Rheinland Cert GmbH
 Am Glacis 336a - 51105 Köln

www.tuv.com





Certificate

Standard **ISO 9001:2008**
 Certificate Registr. No. **01 100 106878**

TÜV Rheinland Cert GmbH certifies:
Certificate Holder: Southern Batteries Pvt. Ltd. Unit II
 No. 328, Bommasandra Jigani Link Road,
 Industrial Area Jigani, Anekal Taluk,
 Bangalore - 562106, India

Scope: Design, Development, Manufacturing, Installation and Servicing of Tubular and Automotive Lead Acid Batteries.

An audit was performed, Report No. 106878. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.
 The due date for all future audits is 19-08 (dd.mm).

Validity: The certificate is valid from 2010-10-08 until 2013-10-07.

2010-10-08



TÜV Rheinland Cert GmbH
 Am Glacis 336a - 51105 Köln

DGA-ZM-89-85-02

Certificate

Standard **ISO 14001:2004**
 Certificate Registr. No. **01 104 105870**

TÜV Rheinland Cert GmbH certifies:
Certificate Holder: Southern Batteries Private Limited
 No. 328, Bommasandra, Jigani Link Road, Industrial Area,
 Jigani, Anekal Taluk, Bangalore 562 106, India

Scope: Design, Development, Production, Installation and Servicing of Tubular and Automotive Batteries

An audit was performed, Report No. 106876. Proof has been furnished that the requirements according to ISO 14001:2004 are fulfilled.
 The due date for all future audits is 19-08 (dd.mm).

Validity: The certificate is valid from 2010-11-25 until 2013-10-07.

010-11-25 2



TÜV Rheinland Cert GmbH
 Am Glacis 336a - 51105 Köln



DGA-ZM-89-85-60



Date: 19-08-2010

To whom so ever it may concern

This is to confirm that we have completed the Certification Audit for ISO 9001:2008 ISO 14001:2004 and BS OHSAS 18001:2007 of

Location :
Southern Batteries Private Limited,
No.328, Bommasandra Jigani Link Road, Industrial Area, Jigani, Anekal Taluk,
Bangalore 562106

Scope:
Design, Development, Production, Installation and Servicing of Tubular and Automotive Batteries

We have recommended to our parent office to issue the certificate for ISO 9001:2008, ISO 14001:2004 and BS OHSAS 18001:2007 and same is expected to arrive within 4 weeks

The organization may treat this as a confirmation of recommendation.

Warm regards,
 For TÜV Rheinland (India) Pvt. Ltd.,



A.L. NARASIMHA RAO
 LEAD AUDITOR
 System Certification Group

Alpha Tower, Sigma Tech Park, #7, Whitefield Main Road, Varthur Kod
 Bangalore-560 090
 Ph: 887 3593 3058/590 3055 4319
 www.tuv.com


Hi-Power



Approvals / Certifications

CPRI

TEST REPORT



Central Power Research Institute
(A Govt. of India Society)
P.R.No. 8066, Sadashivanagar Post Office,
Sir C.V. Raman Road,
Bangalore - 560 080 (INDIA)

**ELECTRICAL APPLIANCES TECHNOLOGY DIVISION
CENTRAL POWER RESEARCH INSTITUTE**
P O BOX 8066 SADASHIVANAGAR P O
SIR C V RAMAN ROAD, BANGALORE - 560 080 INDIA
Telex: +91 080-2364772 Fax: +91 0 80- 2362131

CPRI

Sheet 1 of 1

TEST REPORT

Test Report Number: 182AT08180000-0042 Dated: 24.03.08

Name & Address of the Customer: M/s. Southern Batteries Pvt. Ltd
Plot no.30, KJODI Industrial Area
Bommasandra
BANGALORE - 560 080

Name & Address of the Manufacturer: M/s. Southern Batteries Pvt. Ltd
Plot no.30, KJODI Industrial Area
Bommasandra
BANGALORE - 560 080

Particulars of sample tested:
Condition of the sample on Receipt: New
Type: 12V 45Ah, 12T 45P - 655449PT
Designation: Tubular Battery (Hi POWER)
Serial Number: 1,2,3
Number of Samples Tested: Three
Date(s) of test (in CPRI Sample Code No): 04.12.08 to 10.01.09
EAT08180000-0002

Particulars of test Conducted:
Test in accordance with Standard Specification: As per IS: 13300-1992 (modified 1997)
Sampling Plan: Not Applicable
Customer's Requirement: --- Nil ---
Deviations if any: --- Nil ---

Names of the witnessing persons:
Customer's representatives: --- Nil ---
Other than Customer's representatives: --- Nil ---
Test Subcontracted with address of the laboratory: None

Documents constituting this report (in words):
Number of sheets: Four Only
Number of photographs: --- Nil ---
Number of graphs: --- Nil ---
Number of photos: --- Nil ---
Number of Test circuit Diagrams: --- Nil ---
Number of drawings: --- Nil ---

(A.LOURDHANAN) Test Engineer

AUTHORIZED SIGNATURES

(K. NANDHARAJ) Joint Director

ORIGINAL
No. 18123

GOVERNMENT OF INDIA
THE PATENT OFFICE
CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 24038
Date: 02/04/2002
Respectively Date of Country

Certified that the design of which a copy is enclosed hereto has been registered as of the matter and design shown to class 15-02 in respect of the application of such design to BATTERY in the name of SOUTHERN BATTERIES PVT. LTD.-AN INDIAN COMPANY OF 232, BOMMASANDRA JKGANSI LINK ROAD, ANKAPAL, TALUK, BOMMASANDRA, STATE OF KARNATAKA, INDIA

In pursuance of and subject to the provisions of the Design Act, 2000 and the Design Rules, 2001.

INTELLECTUAL PROPERTY INDIA

Controller General of Patents, Designs and Trade Marks

*The registered owner (if any) which has been entered and the name of the owner.
Copyright in the design will extend for two years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of two years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad.

K. K. RAMAN,
JOINT & SOLICITORS AT THE PATENT OFFICE,
AGENTS, 40, 42B CROSS, CANNONBET BLDG.,
CANNONBET ROAD, BANGALORE-56002

Date of issue 27/09/2012 12:42:24

Page 1

Government of India
Ministry of Commerce & Industry
Department of Commerce
DIRECTORATE GENERAL OF SUPPLIES & DISPOSALS

Telephone: 26666000 Website: www.dgds.gov.in
Fax: 26667021 Address: Gandhi Bhavan 4th floor, 2nd Block, Government Buildings
E-mail: dgds@nic.in
Website: www.dgds.gov.in

REGISTRATION CERTIFICATE

To: SOUTHERN BATTERIES PVT. LTD. Supplier Code: 80802

REGISTRATION NO. 2002/REG/MAA/4447/A/0001 Dated: 04.04.2002

REGISTRATION NO. 2002/REG/MAA/4447/A/0001 Dated: 04.04.2002

Dear Sir,

Your request for registration with Directorate General of Supplies & Disposals (DGSD) has been accepted and your name has been included in the list of registered suppliers as per details given hereunder and as the attached schedule.

Registration No.: 2002/REG/MAA/4447/A/0001 Valid upto: 30 September 2005
CATEGORY OF REGISTRATION: Manufacturer Maximum 300 units / year
Name of the Firm: SOUTHERN BATTERIES PVT. LTD.
Address: 2-Block 1A, 2nd floor, 2nd
Floor, Gandhi Bhavan
40, 42B Cross, Cannonbet Bldg.,
Cannonbet Industrial Area,
Bangalore (INDIA), INDIA.
Phone: 26670211
E-mail: suppliers@indianbatteries.com
E-mail: suppliers@indianbatteries.com

Name of the Director: Mr. M. K. JAYARAJ
Designation of the Firm: Private Limited

Plan of Shipping Director/Variation/Visitation

1. Unit: SOUTHERN BATTERIES PVT. LTD.
2. Unit: SOUTHERN BATTERIES PVT. LTD.
3. Unit: SOUTHERN BATTERIES PVT. LTD.

Financial Account No. (FAM) / ABC254117

Annual Quota:

| Year | QTY | Rs. (in Lakhs) |
|-----------|-------|----------------|
| 2002-2003 | 24219 | 915.00 |
| 2003-2004 | 24219 | 915.00 |
| 2004-2005 | 24219 | 915.00 |

Monthly Quota (Rs.) - Without any limit

We register you pursuant to conditions of registration as enclosed and as provided by Bill of Materials to your service will be offered. The systems loading and operation at the position specified in the schedule. This certificate is to be printed only in D/I and complete with amendments if any. Please quote your registration no. in all future correspondence with DGSD.

Yours faithfully,
Deputy Director (Registration)
Director General of Supplies & Disposals



Clientele





Regional Sales & Service Centres

DELHI:

B-207, Okhla Industrial Area, Phase-1,
New Delhi-110020. PH: 011 - 46012933
email: sbpl_delhi@southernbatteries.com

NOIDA:

D-216, Sector-10, Nodia- 201301
PH: 0120 - 4562508
email: sbpl_noida@southernbatteries.com

LUCKNOW:

No.F-399, Transport Nagar, Kanpur Road,
Lucknow - 226012. PH: 0522 - 4002180
email: sbpl_lucknow@southernbatteries.com

VARANASI:

No. D-65/335, Bauliya, Lahartara (Varanasi)
PH: 7607001204
email: sbpl_noida@southernbatteries.com

MOGA:

Apex Colony Chowk, Dosanj Road,
Moga (Punjab). PH: 9356005282
email: punjabservice@southernbatteries.com

KOLKATA:

379, Dum Dum Park, Tank No.4, P.O. Bangur Avenue,
Kolkata - 700055 PH: 033 - 25906986
email: sbpl_kolkata@southernbatteries.com

PATNA:

Talat Complex, Ali Nagar, Nr. Balammi Chak More,
Anisabad, Patna - 800002. PH: 0612 - 2251566
email: sbpl_patna@southernbatteries.com

RANCHI:

C-100, Harmu Housing Colony, Near Shajanand Chowk,
Ranchi-834 012 (Jharkhand). PH: 0651 - 2240556.
email: sbpl_ranchi@southernbatteries.com

ORISSA:

Plot No. 1026 , Chandimata Colony , Rasulgarh,
PH:0674 - 2583338. Bhubaneswar-10.
email: sbpl_odisha@southernbatteries.com

RAIPUR:

39A, Rohit Villa, Ballabh Nagar, Pachpedi Chowk,
Raipur-492001. PH: 0771 - 2419866
email: sbpl_raipur@southernbatteries.com

INDORE:

202, S. R. Compound, Lasuriya Mori,
Nr. Gopal Tolnaka, Dewas Naka, Indore (MP)
PH: 9407138400
email: sbpl_indore@southernbatteries.com

PUNE:

C/O Shree Krishna Warehouse, Gate No- 1124,
Awalwadi Road, Near Bazar Maidan, Wagholi,
Pune-412207 MH. PH: 020 - 65333600
email: sbpl_pune@southernbatteries.com

MUMBAI:

PH: 9890192227
email: sbpl_pune@southernbatteries.com

BANGALORE:

10, 4th Cross, Sudhamanagar , Bangalore -560027
PH: 080 - 41115434
email: sbpl_sudhamanagar@southernbatteries.com

HUBLI:

Sri Guru Krupa, No 25, Ravinagar Akshay Park Road,
Hubli 580030 PH: 0836 - 4258202
email: sbpl_hubli@southernbatteries.com

HYDERABAD:

No. 2-24-111, Plot No. 31, IDA, Uppal, Hyderabad 500039
Andhra Pradesh. PH: 040 - 32215330
email: sbpl_hyderabad@southernbatteries.com

VIJAYAWADA:

House No. 48-11/6-1, Guttikonda Dhananjay Rao Street,
Currency Nagar, Vijaywada Andhra Pradesh.
PH: 8008244883
email: vwdservice@southernbatteries.com

COCHIN:

39/4004, Ravipuram Road, Cochin 682016
Kerala. PH: 0484 - 4029146
email: sbpl_cochin@southernbatteries.com

CALICUT:

Building No.17/425, Abhishek Corner,
Near Puthiyambalam, Mavoor Road, Calicut.
PH: 9567073322

CHENNAI:

Eastern side of No.1, Madipakkam Main Road,
Chennai - 600 091. PH: 044 - 22430701
email: sbpl_chennai@southernbatteries.com

HOSUR:

No.12A, Industrial Estate, Sidco (New Srinagar)
Hosur - 635 109. PH: 04344 - 246633
email: sbpl_hosur@southernbatteries.com

MADURAI:

Door No:36/18A/2, Singarayar Colony
South Street, Nanamedu, madurai-625002
PH: 0452 - 2525352
email: sbpl_madurai@southernbatteries.com

TRICHY:

Plot No13,14, Pillaiyar Kovil Street,
Sanjeevi Nagar, Trichy- 620 002. T.N
PH: 9994456217
email: trichyservice@southernbatteries.com

COIMBATORE:

33/1, Part 2, Kannuswamy Grounder Street,
Sanganoor Main Road, Rathinaguri Post,
Coimbatore - 641027. PH: 8870005386
coimservice@southernbatteries.com

