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BATTERY DIRECTORY

& YEAR BOOK

FORTNIGHTLY ISSUE

1-15 November 2025

(Vol.40, No.21 Published on 10.12.2025)



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page no. 10

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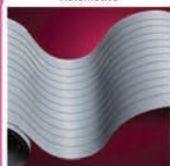


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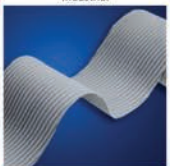
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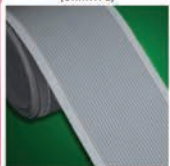
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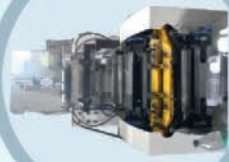
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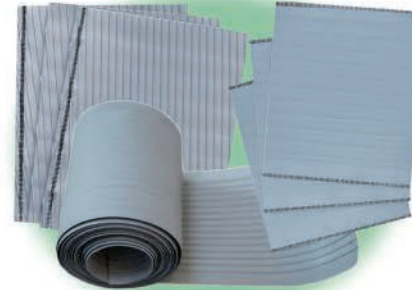


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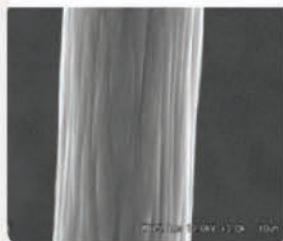
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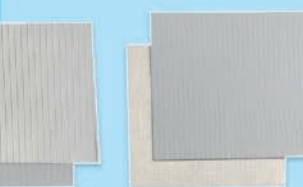
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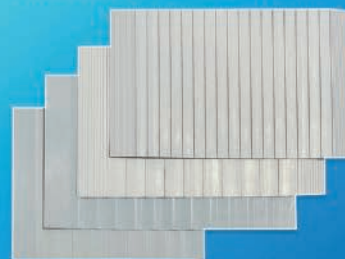


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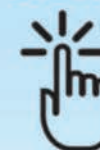
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The FEDERATION OF INDIAN SMALL-SCALE BATTERY ASSOCIATIONS

Requests the Government and Members of Parliament

Repeal The Mandatory Lithium Battery Provision From The Draft Notification

The Ministry of Road Transport and Highways, Government of India, issued a draft notification, G.S.R. 499 (E), dated July 22, 2025, making Lithium batteries mandatory in e-Rickshaws from April 1, 2027.

The Federation of Indian Small-Scale Battery Associations has appealed to Union Minister **Shri Nitin Gadkari, Minister of Road Transport & Highways**, stating that this notification violates the Constitution and its process is flawed. Experts have not been adequately consulted, nor have relevant producer/trader organizations been consulted.

Is this unilateral decision taken to unfairly benefit the lobby of Chinese Lithium battery manufacturers?

This move is promoting Chinese products, contrary to the goal of promoting indigenous products. The battery market, worth approximately ₹20,000 crore per year, will shift to China. Approximately 1 million people dependent on the battery industry and its related industries will lose their jobs. The expenses of poor e-rickshaw drivers will increase by 50 to 150 percent. Why the one-sided rule of promoting only Lithium batteries when our country



Honorable Shri Nitin Jairam Gadkari
Union Minister for Road Transport and Highways

already has a fully developed system and resources for manufacturing Lead Batteries? The raw materials are also available domestically, and used batteries can be recycled to become reusable raw materials.

There is no mechanism to recycle lithium-ion batteries in India, and their recycling costs are also very high.

Lithium-ion batteries are not reliable. A minor negligence or defect in any component can cause a Lithium battery to explode like a bomb. Numerous such accidents have occurred both domestically and abroad.

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10. In the said rules, after rule 125-Q, the following rule shall be inserted namely:-

4
THE GAZETTE OF INDIA : EXTRAORDINARY
[PART II—SEC. 3(i)]

“125-R. Specific requirements for E-Rickshaw and E-carts. - On and after 1st April 2026, all manufacturers of E-rickshaw and E-cart, as part of the type approval procedure, shall undergo an audit of their manufacturing facilities and process, to establish quality control. The audit shall be done by the test agency, undertaking the type approval process of E-rickshaw and E-cart.

Provided that for a manufacturer possessing a valid IATF certification or equivalent, the scope of audit shall be limited to document verification only.

(2) All e-rickshaw/e-carts manufactured on or after 1st April, 2027, shall be fitted with lithium ion battery packs and performance requirement of the same shall be as per AIS-156 (Part 1) and (Part 2), as amended from time to time.

This notification poses an unprecedented threat to the livelihoods of millions of people dependent on the lead battery industry and trade that has been prevalent in India for years. The policy lacks a scientific basis, is contrary to the government's own regulatory framework, and violates the constitutional principles of equal treatment and due process.

According to Rule 125 R of the notification, all e-rickshaws and e-carts manufactured on or after April 1, 2027, will be equipped with lithium-ion battery packs and tested in accordance with AIS 156 Part 1 and Part 2, as amended from time to time.

This provision effectively bans lead-acid batteries in all new e-rickshaws and e-carts manufactured after April 1, 2027, completely restricting this market for the lead battery industry.

Implications of the New Rule

Ninety percent of the current e-rickshaw market uses lead-acid batteries.

The industry will lose approximately ₹20,000 crore in revenue annually.

Battery costs for e-rickshaw drivers will increase by 50 to 150 percent.

One million direct jobs in the lead battery manufacturing ecosystem will be lost.

Constitutional Violations

This notification makes an arbitrary classification between batteries without a logical and scientific basis. Under the government's own CPCB framework and EPR rules, both types of batteries should be treated equally, whereas this



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(Northern Region)

notification discriminates against them. The Maneka Gandhi vs. Union of India case clearly states that classification must have a fair process and a rational basis.

Restrictions on the Right to Trade and Profession

This notification imposes unreasonable restrictions on lead battery manufacturers and e-rickshaw and e-cart drivers. This notification will effectively eliminate their ability to operate. The trade restrictions must pass the non-compliance test in Khoday Distilleries vs. State of Karnataka.

Fundamentals of Life and Livelihood

This policy threatens the livelihoods of millions of people dependent on the lead battery ecosystem, including manufacturers, distributors, dealers, recyclers, e-rickshaw and e-cart drivers. Olga Tellis vs. Bombay Municipal Corporation provided for livelihood protection under Article 21.

Procedural Violations

Due process not followed: An executive order was issued instead of draft rules to avoid the mandatory 30-day stakeholder objection period.

Conflict of Law: State authorities are banning a product—lead batteries—that is technically legal under the regulations of the Department of the Central Ministry of Finance (MORTH).

Retroactive Damage: Sudden implementation without a sunset clause will destroy the value of existing inventory and investments.

Arbitrary: Mandating a fire-prone technology—Lithium batteries—while banning a safer technology—lead-acid batteries—without scientific justification on safety grounds.

Insufficient Consultation

A 30-day comment period is insufficient for a policy with such far-reaching economic implications. Industry stakeholders need adequate time for technical analysis. The requirement for meaningful consultation was highlighted in the State of Rajasthan v. Union of India case. This notification contradicts peer-reviewed scientific evidence demonstrating the superior safety and environmental performance of lead battery recycling compared to lithium-ion alternatives.

Other Disastrous Side Effects

1. Creating a Policy-Driven Monopoly for China: Is the Ministry



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Kamal Kansal
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of Road Transport and Highways inadvertently acting as a sales agent for Chinese manufacturers? By aggressively pursuing policies favoring Lithium technology, the Ministry is effectively handing over a monopoly market to the giant Chinese Lithium cell manufacturers. This isn't just a technology shift. It's a surrender of sovereignty that creates fertile ground for Chinese dominance on Indian roads.

2. E-Rickshaw Mandate: The proposed mandatory switch to lithium-ion batteries for e-rickshaws is the Trojan horse of this policy, the first step towards eliminating local industry. **By targeting the e-rickshaw sector first, the government is beginning a phased elimination of the indigenous lead battery sector.** This mandate serves as the first step to dismantle cheaper, locally made technology in favor of expensive, imported alternatives.

3. Economic Bleeding: According to current export data, ₹30,000 crore is being transferred annually to China for the purchase of Lithium cells. We are witnessing a massive transfer of funds from the Indian small battery industry to Chinese companies. Export data confirms a horrifying reality. Indian exporters are currently draining over ₹2,000 crore from our economy every month to pay Chinese suppliers. In FY

2024-25 alone, ₹20,000 crore of the ₹24,000 crore spent for lithium-ion cell imports went directly to China. Trends indicate that this figure will exceed ₹30,000 crore this fiscal year. The Ministry's policy is essentially funding the Chinese economy at the expense of the Indian rupee.

4. Destruction of the Make in India Circular Economy: This policy will directly harm the businesses of thousands of Indian MSME battery manufacturers who have built the overall ecosystem over decades. India boasts a well-developed, organized, and highly reliable circular economy for lead-acid batteries, where over 90 percent of materials are recovered and reused locally. Dismantling this self-reliant, labor-intensive sector in favor of a use-and-throw import model is an economic tragedy for millions of citizens whose livelihoods depend on it.

5. Trading Green Recycling for Toxic, Polluting Lithium: The narrative that Lithium is green is a dangerous myth. Lithium-ion batteries rely on toxic electrolytes and materials like cobalt, which are environmentally destructive from mining to disposal. Unlike lead-acid batteries, which are endlessly recyclable in India's mature ecosystem, India lacks the infrastructure to safely recycle Lithium batteries. We are



Mohan Sundar
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importing future toxic landfills and groundwater contamination under the guise of clean energy.

6. Safety Risk: Ignoring the reality of fires and explosions, the Ministry is pushing a technology that has repeatedly proven itself unsafe for Indian tropical conditions. The frequent explosions and fires in lithium-based vehicles are not just accidents; they are evidence of a chemically unstable system unsuitable for our environment. By mandating this change, the administration is prioritizing foreign technology over the safety and lives of Indian drivers and passengers.

Financial Impact Analysis

Industry-Level Impact

Revenue loss from the lead battery industry: ₹12,000 to ₹15,000 crore annually.

MSME Job losses: Approximately 100,000 direct jobs.

Recycling Equipment: ₹5,000 to ₹8,000 crore in investments will be wasted.

Government Revenue Loss: ₹1,500 to ₹2,000 crore annually in GST collections.

Operator-Level Impact:

Annual cost increase of 21,000 to

36,000 rupees per e-rickshaw driver.

Market Disruption: Over 1.8 million e-rickshaw drivers affected.

Livelihood Threat: Most drivers from economically weaker sections.

National Economic Impact

Import Dependence: ₹25,000 to ₹30,000 crore for importing Lithium batteries and cells.

Total Disruption: ₹75,000 to ₹100,000 crore over 5 years.

Trade Balance: Negative impact due to increased imports.

Benefits of Lead-Acid Batteries

Recycling Rate: 98 percent – the highest recovery rate of any battery globally.

Safety Profile: Rare fire incidents, stable chemistry.

Regulatory Compliance: Full compliance with the CPCB and EPR frameworks.

Effectiveness: 50 to 60 percent lower total cost of ownership.

Lithium-Ion Concerns

Fire Hazard: Uncontrolled temperature rise from 388°C to 442°C,



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explosion hazard.

Recycling Infrastructure: Less than 5 percent formal recycling in India.

Import Dependence: Over 85% dependence on imports for raw materials.

End-of-Life Management: No buyback system, customer pays for disposal.

Government Regulatory Contradictions

CPCB Framework: Treats both types of batteries equally under waste management regulations.

International Standards: Aviation



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authorities ban lithium-ion due to fire risk.

Court Decision: The Delhi High Court's decision contradicts the government's own technical guidelines.

The government is requested to repeal the mandatory Lithium battery provision from this draft notification. □

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Massive fire breaks out in an Electric Vehicle Showroom

Bikes and scooters reduced to ashes

On the morning of November 26th, a massive fire broke out in an electric vehicle showroom on 80 Feet Road in the Borkheda police station area of Kota. More than 50 electric vehicles, scooters, bikes, and other items were reduced to ashes. Four fire engines arrived at the scene with great difficulty.

Chief Fire Officer Sh. Rakesh Vyas stated that the fire was reported at 7:20 am. Local residents alerted the control room, which then alerted the fire department. Responding immediately, fire engines were dispatched from the Sabzi Mandi and Srinathpuram fire stations. The four fire brigades, which arrived simultaneously, brought the fire under control within an hour.

Around 50 to 60 electric vehicles, bikes, and scooters, were parked in the showroom. All were engulfed in flames. Most of the items stored in the showroom were reduced to ashes. Preliminary investigations indicate that the fire was caused by a short circuit.

The showroom is a two-story building covering approximately 2,000 square feet. Vijay Kumawat operates the showroom on the ground floor. Vehicles were parked in various locations within the showroom. The fire started inside the showroom and gradually engulfed the entire building. When smoke emerged, local residents and passersby noticed it. As a precaution, the police temporarily closed traffic on 80 Feet Road. The gym above the showroom was undamaged. The fire was brought under control because the fire brigade arrived on time.

The flames also reached a nearby showroom, engulfing the e-rickshaws parked there. Around a dozen e-rickshaws were damaged, some of which were burned. The remaining vehicles were immediately evacuated. There were no casualties in the incident. □

Rachel's Viral Post on LinkedIn

Are you Buying a Battery in the Name of Lithium, or a Time Bomb?

– Rachel Lai –

BESS Advisor, Rachel's Profile: [linkedin.com/in/rachel-lithium-battery-solution](https://www.linkedin.com/in/rachel-lithium-battery-solution)

Lithium Iron Phosphate (LFP) cell prices have fallen to an all-time low (0.3-0.4 RMB/wh). The market is full of inexpensive options. But I ask my clients this question: "Why do some batteries last 5+ years without any problems, while others swell in just 12 months?" As an expert on batteries, let me explain the hidden pitfalls of "buying a cheap battery."

"Touch Test": Soft vs. Hard Swell

When a battery swells, it's crying out for help.

Soft swell (pushable): This is usually caused by the breakdown of electrolyte and the formation of gas.

Hard Swell: Structural expansion of the anode/cathode or lithium plating.

Reality: Whether soft or hard, a swollen battery is a bad battery. Unlike NMC (which can explode), LFP may not immediately catch fire, but it is structurally dead.

"Capacity Trap" (Don't be fooled!)

We often see swollen cells that still show full (or even maximum) capacity. Don't trust this. Think of it like a sick person with a fever: they can still walk, but their body is weakening. A swollen cell can hold a charge, but its internal resistance (IR) has increased, and its discharge rate has decreased. It generates heat from the inside out.

Why do cheap cells swell faster?

Grade B Lottery: Cheap packs often use Grade B cells with uneven coatings. These create "hotspots" inside, which accelerate pack swell.

Overload trap: A cheap cell may be rated for 1C (e.g., 86A), but it can't actually handle a continuous load of 100A+. Excessively operating a battery with the wrong specifications beyond its limits can cause the pack to swell.

Environmental failure: Cheap electrolytes deteriorate rapidly when charged above 50°C or in very cold temperatures.

In this price war, you get what you pay for. A battery that swells in the first year is much more expensive than a good-quality battery that lasts five years. ➡

Will Zinc Batteries Replace Lithium in EVs?

For more than a century, zinc has been used to coat steel, protect bridges from corrosion, and strengthen alloys. But in a world racing to move beyond lithium and create safer, greener, cheaper, and more localized batteries, this humble metal is suddenly being reconsidered as a national energy asset. India, one of the world's largest zinc producers, may be better positioned than most countries to lead this change.

From the vast underground zinc mines of Rajasthan to the latest labs in Bengaluru, where scientists are reshaping battery materials at the atomic scale, a quiet transformation is underway. A metal once primarily used for galvanizing (coating steel or iron with a layer of zinc to prevent corrosion) could now form the backbone of next-generation sustainable batteries, powering renewable grids, large storage sites, and eventually, even electric vehicles.

Why zinc instead of lithium?

Lithium-ion batteries are being used in everything from smartphones to electric cars. Their high energy density and commercial maturity make them the global default. But lithium also comes with challenges: rising prices, supply constraints, safety risks, and environmentally damaging mining. "Lithium-ion batteries have been a global favorite for decades, but their high consumption and safety risks are making their future extremely difficult," a Bengaluru research team wrote in their recent scientific study. Researchers worldwide are searching for alternative metals that are: cheaper, more plentiful, easier to recycle, safer (non-flammable), and environmentally friendly. Zinc seems to meet all the requirements.



→ Dr. N. Sugumaran's thoughts:

It's heartening to know that the harsh realities of the market are bringing the truth to light. Who introduced the concept of battery grading? The manufacturer failed to address this issue after the battery was manufactured. FTT ranges from 80 to 95%, depending on the factory's understanding of quality. No management will accept FTT of even 20%. **Repairs are impossible in lithium, so grading is an easy way to fool management.** First, manufacturers must improve their manufacturing processes and ensure FTT >99%. Then, the problem will resolve itself. Managing the system without addressing the underlying cause won't work, and the market will expose it.



Life is a challenge, meet it! Life is a dream, realize it! Life is a game, play it! Life is love, enjoy it!

Small Battery Industry Needs Tax Exemptions

– Sandeep Malhotra –

Malhotra Batteries Pvt. Ltd., Ahmedabad

The situation of the lead battery industry is dire. There's no state in country where battery units aren't closing. The industry's expected growth has stalled. Expenses are rising. Currently, the industry isn't achieving even 10% growth. The larger the unit, the greater the expenses. They need increased sales. Since the introduction of imported Chinese batteries, local battery sales have been adversely affected. All motorcycle batteries sold are Chinese. Now, even larger batteries are being imported from China. If you look at or compare the quality, Chinese quality is not being manufactured anywhere in India.



The Government should consider tax exemptions

I believe the government should consider taxation for the benefit of small battery entrepreneurs. Now, with the introduction of GST, all platforms have become uniform. SSI and MSME units should receive taxation benefits. This means taxes should be lower. There should be a 10% difference between the price of batteries from large companies and small firms.

Adopting the latest technology won't bring benefit

Even if an entrepreneur adopts the latest technology and acquires new machinery and produces better products, they won't be successful because there are no local battery sales. Sales will only happen when our batteries match the rates and warranty of large companies and Chinese batteries, and something different comes to the market. Now there's nothing different; the technology remains the same. Small players won't be able to match the rates of large companies. Even if we achieve parity in battery rates and warranty, we should still generate reasonable profits to keep the industry running. In such a situation, even a difference in taxes could be very helpful, providing oxygen to MSME units.

Compared to the quality of batteries in India, Chinese batteries are much better and their rates are also lower. To compete with them, you will have to go into automation and need funds to install machinery. Unless a slight difference in taxation is created between large companies and MSME units, MSME units will not be able to match rates. Everyone wants to set up a battery industry, everyone wants to invest and run it, but no one is investing yet. The reason is that if money is borrowed from the bank, the product needs to be sold to repay it.



Why do Lithium-ion Batteries Catch Fire?

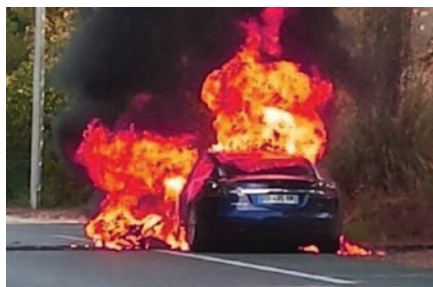
Lithium-ion batteries store a lot of energy in a small space. For example, if you look at your mobile phone or a toy, they aren't large devices—they can fit in your hand. Yet, inside that device is a rechargeable battery designed to optimally store energy so you can get the most out of it before needing to recharge.

Fires Due to Thermal Runaway

The way rechargeable batteries work is actually quite simple: there are two different chemicals inside the battery, separated by a barrier, allowing energy to flow from one side to the other when used or recharged. The only problem is that when these two chemicals come into direct contact, they actually react with each other—that's why the barrier is there. When the barrier is compromised (usually due to overheating, physical damage, or a manufacturer's error), the result is a dangerous process called thermal runaway. Once thermal runaway begins, the battery rapidly heats up, releasing toxic gases, explosions, and flames, often igniting surrounding flammable materials.

Thermal runaway can cause batteries to reach temperatures of up to 1,000°C.

Thermal runaway can begin as early as 60°C (140°F), but it typically begins at temperatures above 100°C (212°F). In some cases, batteries can reach temperatures exceeding 1,000°C during thermal runaway, posing a serious threat to life and property.



Lithium-ion battery fires continue to rise

The incidence of lithium-ion battery fires has steadily increased over the past few years. In 2023 alone, the UK fire service responded to 46 percent more fires involving lithium-ion batteries than in 2022. Data shows that the service responded to a total of 921 fires, of which 125 involved e-scooters and 118 involved electric vehicles.

As these batteries become increasingly used in devices like e-scooters, e-bikes, and power banks, the risk of misuse, damage, or failure increases. Add in the risk of substandard chargers or counterfeit batteries, and the risk increases exponentially.

The adoption of electric vehicles and devices puts pressure on manufacturers to deliver high-quality products, which is reflected in their prices. However, where price is paramount, this can lead to a flood of substandard products, increasing the risk of malfunction, overheating, or fire from overcharging.

How Safe Is It to Leave Lithium Batteries Charging Overnight?

Leaving lithium batteries charging

overnight may be convenient, but it is not safe. Given the long recharge times for some batteries (such as those used in mobile phones or cordless tools), it may seem appropriate to charge the battery overnight so that it is fully charged and ready for use the next morning. However, this presents a problem: early warning signs like odor or swelling are more likely to be missed, and the chances of surviving a fire while sleeping are much lower than when awake.

The good news is that most high-quality lithium-ion battery devices have built-in overcharge protection. This doesn't mean they're safe to charge overnight, but they generally charge more safely than cheaper models or counterfeit chargers that have omitted this technology to reduce costs.

How safe are lithium-ion batteries for the home?

If lithium-ion batteries are stored indoors, it's crucial to follow the following safety rules:

Batteries should be stored underground, in a dry, cool, well-ventilated area, away from direct sunlight, radiators, or heaters, out of reach of children and pets.

If you're storing lithium-ion batteries indoors, it's crucial to follow these safety rules:

Batteries should be stored indoors,
in a dry, cool, and well-ventilated area,
away from direct sunlight, radiators, or heaters,
out of reach of children and pets.

Never store damaged, leaking, or swollen batteries indoors.

Never store damaged, leaking, or swollen batteries indoors and dispose of them safely according to guidelines.

How to extinguish a lithium-ion battery fire?

Conventional extinguishers like CO₂, water, dry powder, or foam don't work, and can make things worse, especially with water and water mist.

That's why special extinguishers have been developed for lithium. They cool the fire, suppress flammable vapors, and prevent rekindling.

How to Dispose of Lithium-Ion Batteries

A major fire risk associated with lithium-ion batteries occurs after people have finished using them. A common mistake is simply throwing them away or putting them at battery recycling points, often found in supermarkets.

Disposing of them in the trash can means they could be damaged or crushed when taken to the recycling center with the rest of your waste, causing an explosion that then spreads throughout the recycling center—or even to the lorry on the way. ❑

The future seems to be in lithium

– Mukesh Maheshwari –

Sameer Industries, Indore

At present, most people are switching to lithium. Lithium batteries are certainly superior to lead batteries. Indore's torches, which used to use small lead batteries, are now all using lithium. Lithium has also been introduced into inverter batteries. Lithium batteries are lightweight, have a 5-7 year guarantee, and there are no water problems.

Many lead battery industries in Indore have closed, and some are engaged in smelting. It seems the future of lead batteries is bleak, with lithium consuming lead batteries.

Chinese batteries have dealt a major blow to the local lead battery market. They have decimated Indore's local battery market. It seems the future belongs to lithium batteries. Lead smelting also has a lifespan of 2-4 years. If lead batteries are no longer produced, where will the scrap come from? □



Tesla's first showroom opens in Gurugram, Haryana

Tesla's first showroom has opened in Sector 48 of Gurugram district, Haryana. **Chief Minister Nayab Saini** inaugurated the showroom on November 27th. Describing the occasion as historic for the state, he said that the opening of the first center of a world-renowned company like Tesla in Haryana is a matter of pride.

The Chief Minister said that this will not only give a new direction to Haryana's industrial development, but will also set new milestones for Cyber City Gurugram.

In his address, CM Saini said that Haryana has become a preferred destination for investors from India and abroad. The interest from global companies proves that the state's industrial policy, infrastructure and investment climate are continuously strengthening. He said, "Tesla's arrival in Haryana is proof that the state is rapidly emerging as a hub of technology and innovation. We heartily welcome Tesla."

The Chief Minister stated that Haryana's economic progress has been unprecedented in recent years. He said that the state's exports, which were ₹70,000 crore before 2014, have now crossed ₹275,000 crore by 2025. This achievement demonstrates that Haryana is not only attracting industries but also reaching new heights in terms of export potential. He also said that Gurugram has already become the country's IT and corporate capital and Tesla's arrival will further strengthen its position as a global technology hub.

The Chief Minister said that the state government is committed to providing a transparent, safe, and friendly environment for investors. □

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“One should earn wealth based on Dharma. The wealth has to be used for righteous purposes. Only then will the wealth be sanctified. Desires have to be fulfilled in tune with Dharma and Artha. Dharma, Artha and Kama are really life breaths of Man leading to the final goal of Moksha.”

Cabinet Approves ₹45,060 crore for Export Promotion

On November 12, the Union Cabinet Committee approved a six-year Export Promotion Mission (EPM), with an outlay of ₹25,060 crore and a funding of ₹20,000 crore to enhance the credit guarantee scheme for exporters.


Under the Export Promotion Mission, the government will provide priority support to sectors affected by the recent increase in global tariffs, such as textiles, leather, gems and jewelry, engineering goods, and marine products. Project interventions aim to maintain export orders, protect jobs, and support diversification into new geographies.

The Export Promotion Mission was first announced in the Union Budget 2025-26 to strengthen India's export competitiveness, especially for MSMEs, first-time exporters, and labor-intensive sectors. The mission, which will start from FY 2025-26 and run till FY 2030-31, aims to provide a large, flexible and digitally driven framework for export promotion. 

Lead Battery Sales Strong

Amara Raja

Despite global market fluctuations, Amara Raja Energy & Mobility's automotive lead acid business remains strong. Although Amara Raja experienced a volatile quarter with tariffs and global uncertainties, the company believes its performance has been solid and expects to generate improved profits.

Harshavardhan Gourineni, Executive Director, Automotive and Industrial, said that the continued growth in the original equipment manufacturer segment demonstrates the firm's strong commitment to quality and reliability. However, Gourineni added that the company is experiencing a decline in lead acid demand from the telecom sector, while demand for lithium batteries is increasing from the firm's developing new energy business. Meanwhile, the company is confident that its customer qualification plant for domestic lithium cell production will be operational by the fourth quarter of this financial year. In September, the company said it had already sold about 100MWh of lithium battery cell packs to the telecom sector. However, EV battery business slowed in the first quarter of this year due to weak demand from OEMs, though the firm expects it to grow in the future. 



Top Things Used Battery Buyers Look for When Purchasing Scrap

– Gravita India Ltd., Jaipur –

In the recycling ecosystem, used battery buyers are a crucial link between suppliers and recyclers. Scrap batteries are not just discarded items but an essential source of lead, lithium, and other recoverable materials. With demand for these materials rising, buyers carefully assess several factors before making purchases. Knowing what matters most to them helps suppliers negotiate better and build lasting business relationships.

1. Battery Type and Composition

The type of battery being offered is one of the first considerations for used battery buyers.

Lead-Acid Batteries remain the most commonly recycled due to their high lead content and established recycling processes. They are widely used in cars, inverters, and backup systems, and are traded by reputable recyclers such as Gravita India, which offers market-based prices and secure handling for used battery scrap.

Lithium-Ion Batteries are gaining importance as electric vehicles and portable electronics grow. Although recycling them is more complex, they are highly valuable.

Nickel-Cadmium and Nickel-Metal Hydride Batteries are less common today but still traded through industrial sources.

Each battery chemistry offers a different recovery rate, level of risk, and resale value, which influences buyer decisions.

2. Quality and Condition of Scrap

The condition of scrap batteries affects both safety and profitability. Used battery buyers typically prefer:

Batteries that are intact and less corroded

Lots that are sorted by type and free from contamination

Scrap that has been properly stored and handled

Damaged or leaking batteries create risks during transport and dismantling, while well-maintained scrap attracts higher prices.

3. Market Pricing and Trends

Battery scrap prices are linked to global market dynamics, particularly the London Metal Exchange (LME) lead

price. Buyers pay attention to:

International demand for lead, lithium, and nickel

Seasonal shifts in the automotive and power storage markets

Government policies affecting imports and exports

Suppliers aware of these trends are more attractive to buyers since they can discuss pricing on fair and transparent terms.

4. Compliance with Environmental Rules

Since scrap batteries are classified as hazardous waste, compliance with environmental laws is non-negotiable. Buyers look for suppliers who can show:

Valid permits and licenses for collection and transport

Safe storage systems that prevent leakage

Proper documentation for local and cross-border shipments

Suppliers who follow regulations reduce the risks for buyers and demonstrate reliability in business dealings.

5. Volume and Consistency of Supply

Consistency is one of the most important priorities for used battery buyers. They generally prefer:

Bulk shipments over small or irregular loads

Reliable supply for long-term contracts

Predictable scheduling for transport and processing

Suppliers who can guarantee

steady volumes stand out as dependable partners.

6. Documentation and Traceability

Accurate and complete documentation is a standard expectation. Buyers usually require:

Invoices and verified weight records

Proof of origin of the scrap

Certificates of compliance and clearance

This ensures traceability throughout the supply chain, reduces disputes, and builds stronger trust between buyer and supplier.

7. Logistics and Transportation

Safe and efficient logistics are essential in scrap trading. Buyers evaluate whether suppliers can provide:

Leak-proof packaging and proper labeling of hazardous material

Vehicles suited for transporting batteries

Compliance with both local and international transport standards

Efficient logistics minimize risks, lower costs, and make suppliers more attractive in competitive markets.

8. Sustainability and Eco-Friendly Practices

Sustainability has become an important selection factor. Used battery buyers often prefer suppliers who:

Use eco-friendly recycling and disposal methods

Reduce carbon footprint in

operations

Align with broader sustainability or ESG objectives

Highlighting responsible practices can set suppliers apart and open opportunities for long-term partnerships.

9. Trust and Relationship Building

Reputation plays a critical role in the scrap trade. Buyers look for suppliers who are:

Transparent in communication and pricing

Honest about quality and weight

Consistent in meeting delivery timelines

Strong business relationships are built on trust, and suppliers who deliver on promises often gain repeat business at better margins.

10. Awareness of Recycling Technology

Recycling technology continues to advance, and buyers favor suppliers who are aligned with modern processes such as:

Hydrometallurgical recovery methods for lithium

Closed-loop recycling for lead-acid batteries

Automated sorting of mixed chemistries

Awareness of these advancements shows that suppliers understand industry developments and are serious about long-term collaboration.

11. Regional and International Trade

Regulations

Scrap battery trade often extends beyond borders. Buyers consider suppliers' knowledge of:

Import and export regulations for hazardous waste

Duties and tariffs that influence pricing

International conventions such as the Basel Convention

Suppliers with experience in handling international rules are viewed as more reliable partners by global buyers.

Trusted Recyclers Driving India's Circular Economy

Reliable recyclers play a key role in driving India's circular economy. Battery Scrap buyers like Gravita India make it easier for suppliers to sell used lead-acid batteries safely, get fair prices, and stay compliant with environmental standards

For those in the scrap trade, visiting Gravita India's website offers useful insights into recycling practices, pricing trends, and sustainable battery recovery. □

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Tenders for Battery Industry

Providing and Fixing of Battery Charger,Battery and VCB controlling pannel and other work at 33/6.6kv s/s Gambir Intakewell and Gambhir TP					
Tender Value in ₹	3,68,826	Product Category	Civil Works - Water Works	Sub category	Maintenance work
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	30
Location	Ujjain	Pincode	456010	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Ujjain
Critical Dates					
Published Date	26-Nov-2025 04:00 PM	Bid Opening Date	19-Dec-2025 11:00 AM		
Document Download / Sale Start Date	26-Nov-2025 04:00 PM	Document Download / Sale End Date	17-Dec-2025 05:30 PM		
Bid Submission Start Date	26-Nov-2025 04:00 PM	Bid Submission End Date	17-Dec-2025 05:30 PM		
Tender Inviting Authority					
Name	EE PHE Maintenance Division				
Address	Rajasv Colony Dashara Maidan Ujjain				

*For more information visit website:
<https://etender.up.nic.in/nicgep/app>

Supply of 125 KVA Three Phase Silent DG Set, UPS and Battery, Split AC and construction of mini tubwell with 2 Hp Submersible Pump with Acessories in Tissue Culture Lab at agriculture university Kumarganj Ayodhya					
Tender Value in ₹	NA	Product Category	Electrical Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	240	Period Of Work(Days)	240

Tenders for Battery Industry

Location	Tissue Cul- ture Lab at agriculture university Kumar	Pincode	273001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meet- ing Date	NA	Bid Opening Place	Mandi parishad Gorakhpur
Critical Dates					
Published Date	21-Nov- 2025 09:00 AM	Bid Opening Date	16-Dec-2025 01:30 PM		
Document Download / Sale Start Date	21-Nov- 2025 09:00 AM	Document Download / Sale End Date	15-Dec-2025 05:00 PM		
Bid Sub- mission Start Date	21-Nov- 2025 09:00 AM	Bid Submis- sion End Date	15-Dec-2025 05:00 PM		
Tender Inviting Authority					
Name	DDE/M Gorakhpur				
Address	Mandi parishad Gorakhpur				

*For more information visit website:
<https://etender.up.nic.in/nicgep/app>

Purchase of battery of 2KVA UPS Make Exide with Capacity 12V 120AH SMF					
Tender Value in ₹	NA	Product Category	Electrical Goods/ Equipments	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	21	Period Of Work(Days)	NA
Location	District Court Jabalpur	Pincode	482001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	District Court Jabalpur

Critical Dates			
Published Date	24-Nov-2025 03:00 PM	Bid Opening Date	19-Dec-2025 02:00 PM
Document Download / Sale Start Date	24-Nov-2025 03:00 PM	Document Download / Sale End Date	16-Dec-2025 02:00 PM
Bid Submission Start Date	24-Nov-2025 04:00 PM	Bid Submission End Date	16-Dec-2025 02:00 PM
Tender Inviting Authority			
Name	Prabendra Kumar Singh		
Address	District Court Jabalpur		

**For more information visit website:
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For Purchasing Supply and installation of UPS Battery under Buyback					
Tender Value in ₹	3,00,000	Product Category	Electrical Goods/ Equipments	Sub category	Ups Battery
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	15
Location	Location detail is available in tender notice	Pincode	480001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	PRINCIPAL DISTRICT AND SESSIONS COURT CHHINDWARA
Critical Dates					
Published Date	24-Nov-2025 09:00 AM	Bid Opening Date	17-Dec-2025 12:00 PM		

Document Download / Sale Start Date	24-Nov-2025 09:00 AM	Document Download / Sale End Date	16-Dec-2025 11:00 AM
Bid Submission Start Date	24-Nov-2025 09:00 AM	Bid Submission End Date	16-Dec-2025 11:00 AM
Tender Inviting Authority			
Name	PRINCIPAL DISTRICT AND SESSIONS JUDGE		
Address	PRINCIPAL DISTRICT AND SESSIONS COURT CHHINDWARA, MP		

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Supply of Battery bank with buy back of old battery bank installed at DCRTTP					
Contract Type	Tender	Bid Validity(Days)	270	Period Of Work(Days)	90
Location	DCRTTP YAMUNA NAGAR	Pincode	135001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	DCRTTP YAMUNA NAGAR
Critical Dates					
Published Date	17-Oct-2025 05:00 PM	Bid Opening Date	19-Dec-2025 03:00 PM		
Document Download / Sale Start Date	17-Oct-2025 05:00 PM	Document Download / Sale End Date	16-Dec-2025 01:00 PM		
Bid Sub-mission Start Date	17-Oct-2025 06:00 PM	Bid Submis-sion End Date	16-Dec-2025 01:00 PM		
Tender Inviting Authority					
Name	SE MM AND STORES				
Address	DCRTTP YAMUNA NAGAR				

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Revamping of Battery Chargers and DCDB panels at various Substations of ONGC, Hazira Plant (Surat) on LSTK basis (RBCD Retender)					
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	425
Location	ONGC HAZIRA PLANT	Pincode	394518	Pre Bid Meeting Place	NA
Critical Dates					
Published Date	02-Dec-2025 02:00 PM	Bid Opening Date	26-Dec-2025 03:30 PM		
Document Download / Sale Start Date	02-Dec-2025 02:00 PM	Document Download / Sale End Date	24-Dec-2025 03:00 PM		
Bid Sub-mission Start Date	17-Dec-2025 09:00 AM	Bid Submis-sion End Date	24-Dec-2025 03:00 PM		
Tender Inviting Authority					
Name	CE Mechanical				
Address	Office of GGM-Head Civil Works and LSTK Procurement, Central Procurement Department, Core -4, 8th Floor, Scope Minar, Laxmi Nagar, Delhi -110092				

Supply of Inverter, 185 AH Tubuler Battery, 5A Switch and Pin					
Contract Type	Tender	Bid Validity(Days)	270	Period Of Work(Days)	15
Location	Tiruttani co-op Sugar mill Ltd -Thiruvalangadu	Pincode	631210	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	THIRUVALANGADU
Critical Dates					
Media Publish Date	05-Dec-2025 05:15 PM	Tender Bulletin Date	05-Dec-2025 05:15 PM		
Published Date	05-Dec-2025 05:15 PM	Bid Opening Date	19-Dec-2025 02:00 PM		

Document Download / Sale Start Date	05-Dec-2025 05:15 PM	Document Download / Sale End Date	18-Dec-2025 02:00 PM		
Bid Submission Start Date	05-Dec-2025 05:15 PM	Bid Submission End Date	18-Dec-2025 02:00 PM		
Tender Inviting Authority					
Name	MANAGING DIRECTOR				
Address	Tiruttani co-op Sugar mill Ltd -Thiruvalangadu				

*For more information visit website: <https://tntenders.gov.in/nicgep/app>

110V/ 120 AH CAPACITY MAINTENANCE FREE BATTERY SETS ALONG WITH BATTERY CHARGER					
Tender Value in ₹	25,00,000	Product Category	Electrical Goods/ Equipments	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	60
Critical Dates					
Published Date	02-May-2025 06:55 PM	Bid Opening Date	30-Dec-2025 03:00 PM		
Document Download / Sale Start Date	02-May-2025 06:55 PM	Document Download / Sale End Date	29-Dec-2025 02:00 PM		
Clarification Start Date	02-May-2025 06:55 PM	Clarification End Date	29-Dec-2025 02:00 PM		
Bid Submission Start Date	02-May-2025 06:55 PM	Bid Submission End Date	29-Dec-2025 02:00 PM		
Tender Inviting Authority					
Name	SE (MM) AVVNL AJMER				
Address	O/O SE (MM), AVVNL, VIDYUT BHAWAN, PANCHSHEEL NAGAR, MAKARWALI ROAD, AJMER				

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Dt. 1st May 2025

Subject: Advertisement in the BATTERY DIRECTORY Annual & Fortnightly Issues.

Dear Sirs,

Battery Directory's advertising charges have remained the same for the last 4 years, since the year 2020. Due to the huge increase in the cost of paper bill, printing press bill, post office bill and salaries etc. in the last few years, it is not possible to publish the magazine without increasing the advertising rates. **With a slight increase in the advertising rates, Battery Directory's advertising rates will be as follows from 1 May 2025:-**

	Total
1. Front cover (Size 12.5 cm x 14cm)	₹ 18,000 + 5% GST ₹ 18,900
2. Inside front cover (Size 19 cm x 11cm)	₹ 13,000 + 5% GST ₹ 13,650
3. Page no. 3 (Size 19 cm x 11cm)	₹ 12,000 + 5% GST ₹ 12,600
4. Back cover (Size 19 cm x 11cm)	₹ 15,000 + 5% GST ₹ 15,750
5. Inside back cover (Size 19 cm x 11cm)	₹ 11,000 + 5% GST ₹ 11,550
6. Opp. State Map or opp. beginning of the Address	₹ 10,000 + 5% GST ₹ 10,500
7. Full page in multi colours (Size 19 cm x 11 cm)	₹ 9,000 + 5% GST ₹ 9,450
8. Half page in multi colours (Size 9.5 cm x 11 cm)	₹ 5,000 + 5% GST ₹ 5,250
9. One fourth page in multi colours (Size 4.5 cm x 11 cm)	₹ 2,700 + 5% GST ₹ 2,835
10. Full ordinary page in Black & White (Size 19 cm x 11 cm)	₹ 5,000 + 5% GST ₹ 5,250
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12. One fourth page in Black & White (Size 4.5 cm x 11cm)	₹ 1,500 + 5% GST ₹ 1,575
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The addresses of 6563 Battery Entrepreneurs/businessmen from India and abroad have been published in the Annual Battery Directory-2025 (page 1616, two parts). The Annual and Fortnightly Battery Directory is the best medium to reach all the major battery/battery parts entrepreneurs from India and abroad. To advertise in the fortnightly issues of the Battery Directory and in the Battery Directory, please contact Anuradha: 9910699535, Chandra Mohan: 9810268067, Shekhar Verma: 9910699538.

Looking forward to serve you.

Yours faithfully,

for Battery Directory & Year Book

(CHANDRA MOHAN)



Special features of Battery Directory-2025

- ✓ 1616 pages in two parts
- ✓ Details of 6563 firms involved in Battery Industry/Trade
- ✓ 2740 Firm's Verified GST Numbers
- ✓ 213 Firm's Verified UDYAM Numbers
- ✓ List of 63 types of industries related to batteries
- ✓ WhatsApp nos. of 3009 firms
- ✓ E-mails of 3165 firms
- ✓ Websites of 1490 firms
- ✓ 1054 changes/amendments in last year's Directory
- ✓ Names of firm owners in bold letters



CHANDRA MOHAN
chandra-mohan@unionbank

विषय: बैटरी डायरेक्टरी के पाक्षिक व वार्षिक अंकों में विज्ञापन। दिनांक- 01 मई 2025

प्रिय महोदय,

बैटरी डायरेक्टरी के विज्ञापन चार्ज वर्ष 2020, गत 4 वर्षों से एक समान चलते आ रहे हैं। पिछले वर्षों में कागज, प्रिंटिंग प्रैस, पोस्ट ऑफिस व वेतन आदि में अत्यधिक वृद्धि होने के कारण विज्ञापन दरों में वृद्धि किए बिना पत्रिका का प्रकाशन संभव नहीं है। विज्ञापन दरों में थोड़ी वृद्धि के साथ बैटरी डायरेक्टरी की विज्ञापन दरें 1 मई 2025 से इस प्रकार रहेंगी:-

कुल	
1. फ्रंट कवर (आकार 12.5 से.मी. X 14 से.मी.)	₹ 18,000 + 5% GST
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9. एक चौथाई पृष्ठ मल्टी कलर (आकार 4.5 से.मी. X 11 से.मी.)	₹ 2,835
10. पूरा पृष्ठ ब्लैक एण्ड व्हाइट (आकार 19 से.मी. X 11 से.मी.)	₹ 5,250
11. आधा पृष्ठ ब्लैक एण्ड व्हाइट (आकार 9.5 से.मी. X 11 से.मी.)	₹ 2,730
12. एक चौथाई पृष्ठ ब्लैक एण्ड व्हाइट (आकार 4.5 से.मी. X 11 से.मी.)	₹ 1,575
13. बैटरी डायरेक्टरी की वेबसाइट के फ्रंट पेज पर (आकार 100px x 700px)	
(कम से कम 30 दिन की बुकिंग अनिवार्य)	₹ 99 प्रतिदिन (+18% GST)
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वर्ष में कम से कम 6 अंकों के लिए एडवांस पेमेंट सहित विज्ञापन देने पर 10 प्रतिशत छूट दी जाती है व बैटरी डायरेक्टरी-2026 में प्रमुख स्थान दिया जा सकेगा।



ऑनलाइन बैटरी डायरेक्टरी (www.onlinebatterydirectory.com पर उपलब्ध) व बैटरी डायरेक्टरी (हार्ड कॉपी) दोनों का वार्षिक शुल्क मात्र ₹ 1,650/- है। बैटरी डायरेक्टरी (हार्ड कॉपी) का वार्षिक शुल्क मात्र ₹ 650/- है। सदस्यों को वार्षिक बैटरी डायरेक्टरी के साथ दिसंबर तक पाक्षिक अंक रजिस्टर्ड पोस्ट द्वारा भेजे जाएंगे। ऑनलाइन बैटरी डायरेक्टरी एक्सेस करने के लिए यूजर आईडी व पासवर्ड भेजा जाएगा जिससे आप व आपका पूरा स्टाफ पूरे वर्ष हमारी वेबसाइट पर उपलब्ध ऑनलाइन डायरेक्टरी का लाभ उठा सकेंगे। अपना सदस्यता शुल्क अथवा विज्ञापन शुल्क निम्नलिखित बैंकों में से किसी भी एक बैंक में ट्रांसफर द्वारा अपने शहर में ही जमा करा कर उसकी रसीद प्राप्त करने के लिए हमें एसएमएस या फोन द्वारा सूचित करें:

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वार्षिक व पाक्षिक बैटरी डायरेक्टरी देश-विदेश के सभी प्रमुख बैटरी/बैटरी पार्ट्स उद्यमियों तक पहुंचने का सर्वोत्तम माध्यम है। बैटरी डायरेक्टरी के पाक्षिक अंकों व बैटरी डायरेक्टरी-2026 में विज्ञापन देने के लिए कृपया अनुरोध: 9910699535, चंद्रमोहन: 9810268067 या शेखर वर्मा: 9910699538 को संपर्क करें। आशा है कि सेवा का अवसर प्राप्त होगा।

बैटरी डायरेक्टरी एंड ईयर बुक

चंद्रमोहन



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- ✓ 2740 फर्म के वेरिफाईड GST नंबर।
- ✓ बैटरी से जुड़े 63 प्रकार के उद्योगों का संग्रह व सूची।
- ✓ WhatsApp से जुड़ी 3009 फर्म।
- ✓ 3165 फर्म ईमेल पर और 1490 फर्म वेबसाइट पर उपलब्ध।
- ✓ गत वर्ष की डायरेक्टरी में 1054 बदलाव/संशोधन।
- ✓ विज्ञापनदाताओं के पते उनके लोगो सहित।
- ✓ बैटरी डायरेक्टरी की वेबसाइट www.battery-directory.co.in पर प्रतिदिन लगभग 300 से अधिक विजिटर्स।



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The largest battery energy storage facility will be built in the country

Today, the country is rapidly moving towards achieving self-reliance in every sector. In the rapidly changing global landscape, India is fully focused on future needs. In this context, work on the world's largest battery energy storage system (BESS) project is about to begin. Adani

Group, one of the country's leading industrial conglomerates, has taken on the responsibility. Adani Group will build one of the world's largest battery energy storage projects in Khavada, Gujarat.



What is Adani's new project? Learn in detail.

Project capacity: 1,126 megawatts (MW)

Energy storage capacity: 3,530 megawatt hours (MWh)

Expected commissioning date: March 2026

Status in India: India's largest battery energy storage system will be established.

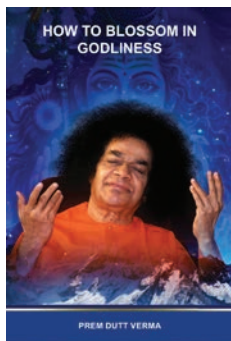
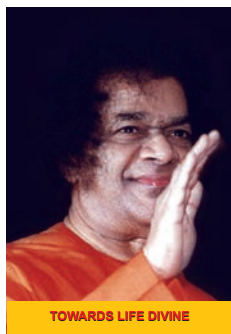
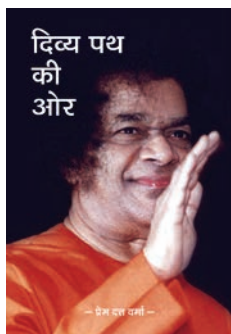
Global status: Very few battery energy storage systems of this size are installed in one location in the world.

Technology: Lithium-ion battery technology.

Location: Khavda, Gujarat, home to the Adani Group's massive renewable energy complex.

Storage capacity to grow to 50 GWh in five years

Adani Group Chairman Gautam Adani stated that this landmark project not only sets global benchmarks but also strengthens India's commitment to energy independence and sustainability. According to a report, the project is scheduled to be commissioned in March 2026 and will increase storage capacity by 15 GWh within the next year. The Adani Group aims to increase this capacity to 50 GWh within its five-year plan. □



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Prime Minister releases Rs. 100 commemorative coin and
postage stamp to mark the Birth Centenary of Sai

**Sri Sathya Sai Baba showed new light and
new direction to countless people in more
than 140 countries around the world**

– Prime Minister Shri Narendra Modi –

Prim Minister Shri Narendra Modi visited the sacred temple and Mahasamadhi of **Bhagawan Sri Sathya Sai Baba** in Puttaparthi, Andhra Pradesh, on November 19th and paid his respects. The Prime Minister addressed the birth centenary celebrations of Bhagawan Sri Sathya Sai Baba.

The Prime Minister began his speech with "Sai Ram" and said:

It is an emotional and spiritual experience to be present among all of you on the sacred land of Puttaparthi. Bowing at Baba's feet and receiving his blessings always fills the heart with deep emotions.

The birth centenary of Sri Sathya

Sai Baba is not just a celebration for this generation, but a divine blessing. Although Baba is no longer physically present, his teachings, his love, and his spirit of service continue to inspire millions around the world. Countless people in over 140 countries are moving forward with new light, direction, and resolve.

Sri Sathya Sai Baba's life was a living embodiment of the ideal of "**Vasudhaiva Kutumbakam**". Therefore, this birth centenary year has become a grand celebration of universal love, peace, and service. The government is fortunate to mark this occasion by releasing a commemorative ₹100 coin and a postage stamp, reflecting Baba's legacy of service.

He extended his heartfelt greetings and best wishes to Baba's devotees, volunteers, and followers worldwide.

Service is a central value of Indian civilization. All of India's diverse spiritual and philosophical traditions ultimately lead to this one ideal. Whether one follows the path of devotion, knowledge, or action, each is linked to "service." What is devotion without serving the Supreme Being present in all beings? What is knowledge if it does not awaken compassion for others? What is action if it is not a spirit of offering service to society? Seva Paramo Dharmaha. These values have sustained India through centuries of change and challenges, giving our civilization its inner strength. Many great saints and reformers have carried forward this timeless message in ways appropriate to their times. Sri Sathya Sai Baba placed service at the center of human life. "Love all, serve all." For Baba, "service" was love in action. The Prime Minister said that Baba's institutions in education, healthcare, rural development, and many other fields stand as living proof of this philosophy. These institutions demonstrate that spirituality and service are not separate entities, but different expressions of the same truth. While it is not uncommon for people to be inspired during someone's physical presence, the "service" activities of the institutions continue to grow day by day despite their physical absence. This demonstrates that the influence of truly great souls does not diminish with time; it actually grows.



Sri Sathya Sai Baba's message was never confined to books, discourses, or the confines of an ashram; the impact of Baba's teachings is palpable among the people. From cities to remote villages, from schools to tribal settlements, there is a remarkable flow of cultural, educational, and medical services throughout India. Millions of Baba's followers are selflessly engaged in this work. **"Service to humanity is service to Madhava"** is the highest ideal for Baba's devotees. Baba imparted many teachings that embody the essence of compassion, duty, discipline, and a philosophy of life. Baba's guiding principles: "Always help, never hurt," and "Less talk, more action" continue to resonate in everyone's hearts.

Sri Sathya Sai Baba used

spirituality for social and public welfare, combining it with selfless service, character building, and value-based education. Baba did not impose any new doctrines or new ideologies, but worked to help the poor and alleviate their suffering. After the Gujarat earthquake, Baba's Seva Dal was at the forefront of relief efforts. His followers served with complete dedication for several days and made significant contributions in reaching out to affected families, providing essential supplies, and psychosocial support.

When a mere offering can melt a person's heart or change the course of their life, it reflects the greatness of that person. Present at the current event were many individuals whose lives have been profoundly transformed by Baba's teachings.

Inspired by Sri Sathya Sai Baba, the Sri Sathya Sai Central Trust and its affiliated organizations are promoting service in an institutional and long-term manner. Today, their service work stands before us as a practical model. Their work in areas such as water, housing, healthcare, nutrition, disaster relief, and clean energy is commendable.

The Sai Central Trust laid kilometers of pipelines to alleviate the severe drinking water crisis in Rayalaseema; built 1,000 houses for flood-affected families in Odisha; and runs superspecialty hospitals where poor families are astonished to find there are no billing counters, treatment is completely free, and patients and their families face no inconvenience.



Prime Minister Narendra Modi releasing a commemorative Rs 100 coin and postage stamp



Sukanya Samridhi Yojana

Ten years ago, the Central Government launched the Sukanya Samridhi Yojana, focused on girls' education and their bright future. It is one of the few schemes in the country that offers the highest interest rate of 8.2 percent for our daughters. Under this scheme, more than 40 million accounts have been opened for girls across India, and over ₹3.25 lakh crore has been deposited in these accounts so far. The noble initiative of the Sri Sathya Sai family to open 20,000 Sukanya Samridhi accounts in Puttaparthi is commendable. In February last year, 27,000 Sukanya Samridhi accounts

were opened for girls in Varanasi, and ₹300 was transferred to each account. The Sukanya Samriddhi Yojana is playing a vital role in ensuring the education and secure future of girls.

Increasingly providing social security to the poor and disadvantaged

Over the past eleven years, numerous schemes have been launched in India that have significantly strengthened the social security framework for citizens. The poor and disadvantaged are rapidly being brought under the ambit of social security. In 2014, only 250 million people were covered, while today this number has increased to nearly 1 billion.

Today, he also had the opportunity to participate in the "Gau Daan" program, where the Central Trust is donating 100 cows to poor farmer families. In Indian tradition, the cow is considered a symbol of life, prosperity, and compassion. These cows will support the economic, nutritional, and social stability of the recipient families. The message of prosperity through cow conservation is resonating worldwide. A few years ago, under the "Rashtriya Gokul Mission," over 480 Gir cows were distributed in Varanasi, and today the number of Gir cows and calves there has grown to nearly 1,700. A new tradition has been started in Varanasi where female calves born from distributed cows are given free of charge to farmers in other areas, thereby increasing the cow population. During his visit to Rwanda, Africa, seven or eight years ago, India gifted 200



Andhra Pradesh Chief Minister
N. Chandrababu Naidu addressing the gathering.



Sachin Tendulkar sharing his
feelings and thoughts.

Gir cows. Rwanda also has a similar tradition called "Girinka," which means "you get a cow." The first female calf born there is given to a neighboring family. This practice has increased milk production, income, and social cohesion in Rwanda.

Brazil has adopted India's Gir and Kankrej cattle breeds and improved them through modern technology and scientific management, making them a source of superior dairy products. Such examples demonstrate how tradition,

compassion, and scientific thinking combine to make the cow a symbol of faith, empowerment, nutrition, and economic progress.

The nation is moving towards a developed India with a sense of "Kartavya Kaal," and active citizen participation is essential to achieving this goal. The birth centenary of Sri Sathya Sai Baba is a major source of inspiration in this journey. Everyone needs to strengthen the mantra of "Vocal for Local" during this special year. Boosting the local economy is essential to building a developed India. Purchasing local products directly empowers a family, a small enterprise, and the local supply chain, paving the way for a "Self-Reliant India."

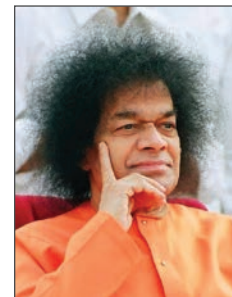
Inspired by Sri Sathya Sai Baba, all those present are continuously contributing to nation-building. Shri Modi said that this holy land truly has a unique energy. Every visitor here reflects compassion in their words, peace in their thoughts, and service in their actions. Wherever there is deprivation or suffering, devotees stand as a beacon of hope and light. Heartiest



Aishwarya Rai sharing her
feelings and thoughts.

congratulations to the Sathya Sai family, organizations, volunteers, and devotees across the world for carrying forward this sacred mission of love, peace, and service.

Thousands of devotees, including Andhra Pradesh Chief Minister Shri N. Chandrababu Naidu, Union Ministers Shri K. Rammohan Naidu, Shri G. Kishan Reddy, and Shri Bhupati Raju Srinivasa Varma, Shri Sachin Tendulkar, and Aishwarya Rai, were present on the occasion. The Hillview Stadium grounds were packed to capacity. □



"Make the best use of this opportunity and share this joy with everybody. Serve the whole world... Your life will be sanctified only when you help the poor, the sick, and the down-trodden"

– Bhagwan Shri Sathya Sai Baba



Shri Sathya Seva Sansthan Celebrated

Bhagwan Baba's 100th Birthday

Like every year, this year too, Bhagwan Sri Sathya Sai Baba's birthday was celebrated with bhajans and a feast at Sri Sathya Seva Sansthan, Delhi.

The program began with Swami's bhajans by **Sh. Ranveer Singh** and **Sh. Ashok Khurana**. After that, the cake was cut and distributed as prasad to all the devotees.

On Baba's 100th birthday, Baba's ardent devotee, **Sh. Ranveer Singh**, Joint Director General (Retd.), Military Engineering Services, released the books **Sai Divya Raksha Kavach** (in Hindi) and **The Divine Protective Shield of Sai** (in English), and lovingly presented the books to the devotees. Through these books, he recounted all the incidents in his life in which Swami



Sh. Ranveer Singh, Chandra Mohan cutting the cake alongwith Sh. Ashok Khurana



Books of Shri Ranveer Singh ji were released

Battery Directory & Year Book (Vol.40 No.21)
1-15 November 2025 (Published on 10.12.2025)

SAI SHARANAGATI

protected and helped him.

With the blessings of Lord Sri Sathya Sai Baba, Shri Ranveer Singh also launched the YouTube channel **Naam Sumiran-Sri Sathya Sai Bhajans for Beginners**, @ **NaamSumiran-SaiBhajans**, on

Swami's 100th birth anniversary. This YouTube channel is for devotees interested in learning Sathya Sai Bhajans. The channel is uploading Swami's Bhajans daily. Over 800 Bhajans are to be uploaded. The event concluded with a feast. □



Devotees enjoying the Bhajans.



Sh. Ashok Khurana singing Bhajans



Sh. Ranveer Singh singing Bhajans



Devotees enjoying the feast.



Battery Directory & Year Book (Vol.40 No.21)
1-15 November 2025 (Published on 10.12.2025)

Aishwarya Rai Bachchan's
address at the Birth Centenary
Celebrations of Bhagawan Sri
Sathya Sai Baba

BAL VIKAS Classes: A Divine Training Ground That Shaped My Heart and Soul

At the Sri Sathya Sai Baba Centenary Celebrations in Puttaparthi, **Aishwarya Rai Bachchan** shared important insights about Bhagawan Sri Sathya Sai Baba and his mission in a speech on stage with Prime Minister Narendra Modi, Andhra Pradesh Chief Minister Chandrababu Naidu, Deputy Chief Minister Pawan Kalyan, and Sachin Tendulkar. Aishwarya Rai, a childhood student of Sathya Sai Bal Vikas, said in her address, "I offer my humble obeisances at the divine feet of Bhagawan Sri Sathya Sai Baba."

Honorable Prime Minister Shri Narendra Modi Ji, respected ministers, dignitaries, elders, ladies and gentlemen, brothers, sisters, gurus, all the wonderful artists, students who mesmerized everyone with their dance, all the musicians who gave such a wonderful performance, singers, beautiful children of Bal Vikash, and students from everywhere—you are all welcome. Thank you for being here on this historic and sacred occasion of Bhagawan Baba's Birth Centenary celebrations.

My heart is filled with deep devotion and gratitude. Although a century has passed since his divine birth, his



presence, his principles, his teachings, his guidance, and his compassion continue to resonate in the hearts of millions around the world.

I sincerely thank the Honorable Prime Minister, Narendra Modi, for being with us today and attending this special occasion. I look forward to hearing your words of wisdom, which are as powerful and inspiring as ever.

Your presence here adds sanctity and inspiration to the centenary celebrations and reminds us of Swami's message that true leadership is service, and service to humanity is service to God.

I stand here today and can say with complete humility and honesty that I have always held this divine message close to my heart and put it into practice. Once a Balvikas student, always a Balvikas student.

Bhagawan Sri Sathya Sai Baba often spoke of the Five Ds: five essential qualities for a purposeful and spiritually connected life. Discipline: Discipline is the mark of a true human being; Dedication—do whatever you do as God's work; Devotion—true devotion is an outpouring of love for God; Determination—never looking back

SAI SHARANAGATI

once you've chosen the right path; and Discrimination—the ability to choose between right and wrong, truth and falsehood, the most difficult part of life. Swami once said that education should not be merely for survival, but rather for making the best of life. Sri Sathya Sai Baba's education system is a shining example of this truth. From child development programs to values-based schools, colleges, and even a free multidisciplinary university, they provide free, value-based services to thousands of students every year, without any discrimination.

Sri Sathya Sai Baba has also given India and the world an unparalleled healthcare model. His super-specialty hospitals in Puttaparthi, Whitefield, Kolkata, and Navi Mumbai provide world-class treatment to millions of people, completely free of charge. Swami always spoke of the five C's: Compassion, Charity, Character, Calmness, and Contentment. These five qualities are essential for all human beings.

The Historic Drinking Water Mission

From the historic drinking water mission, which provided portable drinking water to millions of people in Andhra Pradesh, Karnataka, and Tamil Nadu, to global disaster relief, rural service, and empowerment programs, the Sri Sathya Sai Seva Organisation has accomplished unparalleled work. Inspired by Swami's immortal words: "Hands that serve are holier than lips that pray," service has been performed without expectation of reward.



*Aishwarya Rai takes blessings from
Prime Minister Modi.*

Bal Vikas

Bal Vikas was not just a weekly meeting for us; it was a positive place where not only values were taught but also a complete experience of happiness was provided. That time was a divine training ground that shaped the mind, heart, and soul. We learned that following truth, righteousness, peace, love, and non-violence in thought, word, and deed lays the foundation for all ways of life.

Swami said, "You are not one person, but three. First, who you think you are, second, who others think you are, and third, who you really are. Recognize and live the divine truth within."

Today, we celebrate the centenary of Sri Sathya Sai Baba. Let us all rededicate ourselves to his divine message: love all, serve all. There is only one caste, the caste of humanity; there is only one religion, the religion of love; there is only one language, the language of the heart; there is only one God, and He is present everywhere.

Sai Ram, Jai Hind



Bride and Groom, Sh. Satendra Sishoudiya and Sh. Naresh Tomar with Honorable Chief Minister Yogi Adityanath ji

Jahnvi and Vartul tie the knot

Jahnvi, daughter of Sh. Naresh Tomar (Netaji) of BMR Industries, Pilkhuwa, married Vartul on November 30th. Sh. Naresh Tomar is the General Secretary of the Federation of Indian Small Scale Battery Associations, Delhi, and the District President of the Bharatiya Janata Party, Hapur.

Vartul's father, Sh. Satendra Sishoudia, is the Regional President of the Bharatiya Janata Party, West Uttar Pradesh. Honorable Chief Minister of Uttar Pradesh, Yogi Adityanath, graced the ceremony to bless the bride and groom.

Several entrepreneurs from the Federation and the battery industry were also present to bless the bride and groom.

The end of wisdom is freedom.
The end of culture is perfection.
The end of knowledge is love.
The end of education is character.

– Bhagwan Shri Sathya Sai Baba



Ayush and Sakshi tie the knot



Ayush, son of Sh. Arvind Mohan of Shivam Info, Delhi, married Sakshi on November 19th. Sh. Arvind Mohan is the Treasurer of the Federation of Indian Small Scale Battery Associations, Delhi, and the organiser of the renowned **Power-On Fair**. The wedding took place at the **Triyuginarayan Temple** in Rudraprayag, Uttarakhand.

The Triyuginarayan Temple is a sacred Hindu shrine dedicated to Lord Vishnu, renowned as the mythological site where Lord Shiva and Goddess Parvati were married.

The ring ceremony took place on November 8th at Orchid Grand, Karkardooma, Delhi. Several senior entrepreneurs from the Federation and the battery industry attended the event to offer their blessings.



For the mansion of life, Self-confidence is the foundation, Self-satisfaction the wall, Self-sacrifice the roof, Self-Realisation is the life.

– Bhagwan Shri Sathya Sai Baba

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प्रमुख सेवा कार्य

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- * निःशुल्क एक्यूप्रेशर सेवा
सेवा स्थान: साई दीप, 510, जनता फ्लैट्स, सोमवार, बुधवार और शुक्रवार सायं: 3 से 4
सेवा: श्री मोहन द्वारा
- * निःशुल्क होम्योपैथिक मेडिकल सेवा
सेवा स्थान: साई दीप, 510, जनता फ्लैट्स, प्रत्येक बुधवार प्रातः 8.30 से 10
सेवा: डॉ. आर. के. राठी (BHMS)
- * साई जागृति बालविकास केन्द्र (कोरोना के कारण फिलहाल सेवा स्थगित)
बी-10, लेप्रोसी होम, ताहिरपुर कुष्ठ कॉलोनी, समय प्रातः 9.30 से 12.00 तक
कुष्ठ रोगियों के बच्चों को मानवीय मूल्यों की निःशुल्क शिक्षा व सिलाई कक्षा
- * निःशुल्क लाइब्रेरी - हिन्दी व अंग्रेजी में साई साहित्य पर लगभग 250 टाइटिल, साई फोटो, लॉकेट और विभूति उपलब्ध।
- * समय-समय पर नारायण सेवा
- * बालविकास कक्षाएँ

- * शीतल जल सेवा



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