

Ola Electric to roll out battery cells developed in-house from next quarter

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Ola Electric Mobility on Tuesday said it has developed an in-house lithium iron phosphate (LFP) battery cell in the 46100 cylindrical format. It will begin deploying the same in its vehicles from the next quarter as it sharpens its focus on lowering costs and accelerating EV adoption.

The announcement, made through regulatory filings to the stock exchanges, marks a strategic shift from the nickel manganese cobalt chemistry currently used in its vehicles to LFP, widely seen as safer and more cost-efficient, particularly for high-temperature markets like India.

Chief Financial Officer Deepak Rastogi confirmed that the cells are ready for commercial rollout, with Ola building on learnings from its earlier cell programme.



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PLI SCHEME

This positions the company

to benefit from government incentives under the production-linked incentive (PLI) scheme for advanced chemistry cells.

The move also deepens Ola's vertical integration strategy.

Analysts said the shift to LFP could help Ola better align with Indian operating conditions, while reducing dependence on imported battery materials.

The development is part of Ola's broader push to drive what it calls the "end of the ICE age," anchored around lower upfront costs, service guarantees and buy-back programmes aimed at easing consumer adoption barriers.

The company is also positioning the new cell platform as a building block for its energy storage ambitions, signalling a potential expansion into adjacent battery applications as it scales manufacturing.

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