

PRESS RELEASE

New Delhi, December 06 2023

Servotech Files Two Patents for Innovative EV Charger Technology to revolutionize EV charging infrastructure

- **Servotech's patents will enable Fast DC charging of any GB/T Bharat DC 001 vehicle based on 72v/96VDC through a CCS2 connector.**
- **This innovative breakthrough will also eliminate the need for dual infrastructure expenses and will benefit fleet services and vehicles like small trucks or lorries adhering to the GB/T Bharat DC 001 protocol by enabling charging via widespread CCS2 chargers.**

New Delhi, 06 December 2023: Servotech Power Systems Ltd., a leading manufacturer of EV chargers and solar solutions has announced that it has filed two patents in the realm of EV charger technology to revolutionize EV charging infrastructure. These patents enable users to **fast charge any GB/T Bharat DC 001 vehicle based on 72v/96VDC through a CCS2 connector using a small additional gadget.** These two patents will transform the EV charging infrastructure using two different methodologies, contributing to a robust, interoperable, and cost-effective EV charging ecosystem.

Servotech Power Systems' new technology holds the potential to **revolutionize the EV charging landscape in India and other countries** where the GB/T with LVDC standards are used. Additionally, this innovative breakthrough will also **eliminate the need for dual infrastructure expenses** by empowering users to charge GB/T Bharat DC 001 vehicles through widely available CCS2 chargers in the country. **It will also benefit**

Servotech Power Systems Limited

CIN : L31200DL2004PLC129379

REGISTERED OFFICE : 806, 8th Floor, Crown Heights, Hotel Crown Plaza, Sector-10, Rohini, New Delhi - 110085

PLANT AND R&D : 76A, Sector-57, Kundli Industrial Area, Sonapat, Haryana- 131028

Tel No : 011-41130158, ● Sales : +91 9717691800, ● Email : servotech@servotechindia.com, Website : www.servotech.in

fleet services and vehicles like small trucks or lorries adhering to the GB/T Bharat DC 001 protocol by enabling charging via widespread CCS2 chargers. Now, these vehicles can access charging through the more abundant CCS2 chargers. The GB/T Bharat DC 001 standard is a fast charging standard for electric vehicles that is widely used in India. The CCS2 standard is a global fast charging standard that is used in Europe, UK, and other countries. This visionary advancement also unlocks new markets for GB/T Bharat DC 001 vehicle manufacturers and significantly eases travel for EV owners between India and Europe.

Earlier, the company had also filed two patents intending to facilitate grid service optimization through a battery energy storage system and to effectively channel renewable energy into BESS for maximum value, enabling the transition to sustainable energy. These innovations transformed energy management and improved overall efficiency. Both of these cutting-edge technologies possessed applicability across a broad spectrum of fields, including solar and electric vehicle charging systems.

Arun Handa, Chief Technical officer, Servotech Power Systems Ltd. commented, Servotech continues to lead the charge in innovation, propelling the EV industry towards enhanced accessibility, convenience, and interoperability in charging solutions. Since its inception two decades ago, the company has only focused on innovations and cutting edge technologies that will make India a global leader. In the realm of EV Industry, Servotech has manufactured EV charging components that align with the Make in India concept in true sense for adoption of sustainable technologies in the EV ecosystem. The company has been the leading EV charger provider to various renowned oil marketing companies and have established a well-connected EV charging network for them. With a dedicated mission to

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contribute significantly to India's e-mobility goals, Servotech aims to establish 5000 CPO sites across the nation in the coming years and these sites will also be equipped with this technology. In the arena of EV charging infrastructure, Servotech feels a compelling need to develop a more connected, efficient, and sustainable EV ecosystem, because of this compelling need Servotech is now all set to develop a technology that will enable users to fast charge any GB/T Bharat DC 001 vehicle seamlessly. Behind these transformative patents lies a vision to transform EV charging paradigms, especially in regions like India and other countries adopting the GB/T Bharat DC 001 standard and these patents absolutely act as major contributors in developing India's EV charging infrastructure, fueling a future where accessibility and innovation converge seamlessly.

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About Servotech Power Systems Limited:

Servotech Power Systems is an NSE-listed organization that develops tech-enabled EV Charging solutions leveraging their over two decades of experience and expertise in the electronics space. We offer an extensive range of AC and DC chargers which are compatible with different EVs and serve multiple applications such as commercial and domestic. With our comprehensive engineering capabilities, we plan to play a pivotal role in developing India's EV tech infrastructure. A trusted brand with a strong pan-India presence, our legacy is marked by proven innovation and distribution of high-end LED lighting and UV-C disinfection products, along with medical-grade oxygen concentrators and its makings.

For more information, please visit: <https://www.servotech.in>

Media Contact

Prabhutva Tiwari

PR & Corporate Communications

pr@servotechindia.com

+91 8318873166

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