

# LOG

*Power. Performance. Peace of Mind.*



## **Log 9 InstaCharge On Demand**

# Challenges In EV Adoption

- Range Anxiety continues to be one of the biggest deterrents to electric vehicle adoption in India
- **Rapid Charging batteries** and widespread **Charging infrastructure availability** is the key to solve for range anxiety
- Log 9's RapidX batteries can recharge 9x faster than conventional batteries is solving the Fast charging problem
- However, ***expensive real estate, lack of or inadequate electricity grid infrastructure or longer lead times for sanctioning electricity grid*** connection leads to delays in Charging infrastructure scale-up



# Log 9 InstaCharge On Demand: Introduction

- One solution for **problems of expensive real estate, unavailability of electricity grid and longer scaleup times.**
- InstaCharge On Demand enables:
  - **Fleet owners can InstaCharge their fleets, wherever the vehicles are.**
  - **Charge Point Operators to turn every parking space and every inch of ANY road into an EV Charging Station.**
  - **Charge Point Operators can test EV Charging demand before setting up expensive charging stations.**



# Log 9 InstaCharge On Demand-Features



InstaCharge a 2W in 12 minutes & 3 Wheeler in 35 Minutes.



InstaCharge a 2W and a 3W anywhere you want, turning every parking lot & every inch of ANY road into a charging station.



Recharge the battery packs conveniently from any DC001 fast charging station or a 10 kW 3 phase connection.



# Log 9 InstaCharge On Demand-Specs

General Specifications	
EV Charger Type	Bharat DC 001 Integrated with Log 9 RapidX Batteries
Charger Capacity	15 Kw
Energy Transfer Mode	Conductive
Reliability & Serviceability	Modularity, self-diagnostic features, fault codes and easy serviceability in the field
Battery Type	Log 9 RapidX
Usable Energy For Vehicle Charge	14 kWh



# Log 9 InstaCharge On Demand-In Action



- A customer interested in adopting Rapid EV in their Bengaluru fleet approached Log 9.
- The client operations are 25 Kms away from the nearest DC001 Charging Station.
- Log 9 has deployed the InstaCharge On Demand to:
  - a. Let customer seamlessly conduct operations
  - b. Find hotspots where the Rapid EV needed Charge. This hotspot data will be used to understand demand for setting up a stationary Charging Station as required.

## ***About Log9 Materials***

Log 9 Materials is a cleantech venture leveraging the wonder material – ‘Graphene’ for breakthrough innovations in energy storage. We believe that innovation in materials has the potential to solve world’s energy needs. In pursuit of green environment, Log9 has developed RapidX Batteries specifically for Electric Vehicles. To support the EV eco-system Log 9 has also developed innovative Charging solutions tailored for Indian EV ecosystem

### **Contact us**

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