

MeitY launches 2KW DC portable charger to boost EV adoption

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Secretary, Ministry of Electronics & Information Technology (MeitY), Shri S Krishnan, witnessed the launch of a 2KW DC Portable Charger developed by the Centre of Excellence at IIT Madras Research Park to boost Electric Vehicle Adoption. The official from MeitY, Smt. Sunita Verma GC (R&DE), MeitY, Prof. Ashok Jhunjunwala, IIT Madras, and other dignitaries were present.

Design in India will stimulate home-grown IP and accelerate the startup ecosystem, said the Secretary, emphasizing the importance of IIT Madras Research Park. The 2 KW EV charger is a significant step, designed using recycled materials. This initiative aligns with MeitY's mission to accelerate EV adoption, reducing dependence on imported chargers.



A substantial portion of portable chargers used by OEMs is imported, limiting customisation. The 2KW charger, developed by CEET, IIT Madras, and Flowtrik Technologies with MeitY funding, addresses this issue.

It boasts >95% efficiency, can function up to 50°C, and adheres to safety standards. These chargers can adapt to battery requirements and feature IoT compatibility for real-time tracking. Power output settings are customisable for OEMs.

Successful large-scale manufacturing of these chargers can make a significant impact on the portable charger market.

Addressing the gathering, Shri S Krishnan, Secretary, MeitY [said](#),

The Prime Minister Shri Narendra Modi's vision of 'Make in India Make for the World' can be achieved with developing more and more indigenisation of technology and taking it forward by the industry. Now, India has moved from importing Nation to exporting Nation, this type of innovation and synergy will make India a 'Aatma Nirbhar Bharat'.