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GM Unveils Chevrolet Beat Battey Electric Vehicle



General Motors has unveiled the Chevrolet Beat Battery Electric Vehicle (BEV) as part of the ongoing celebrations of World Environment Day. The demonstration vehicle will be used by GM India to showcase the effectiveness of battery electric vehicle technology in India. The **Chevrolet Beat** Battery Electric Vehicle is powered by a 300 cell lithium-ion battery with a total energy capacity of approximately 20 kWh. The 270 kg battery can power the Beat for at least 130 km under normal driving conditions. The liquid cooled battery can operate in temperatures ranging from approximately -20?to 45?, with charge times of less than 8 hours using a 240V outlet. Power from the battery is transferred to the drive wheels through a single speed drive unit and an electric motor producing approximately 45kW of power.



"General Motors is committed to providing customers around the world with electrification technologies that will reduce their fuel consumption, helping them save money. GM India will lead in this 'tailored for India' demo program for battery electric technology, with Chevrolet Beat chosen as the best way to evaluate the technology. We are delighted that Chevrolet selected India as an important market to test battery electric technology, while recognizing the capabilities of our engineering team to help identify ways to make this technology more affordable," Mr Karl Slym, President and MD, GMI, said.

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