



[Home](#) > [Details view](#)

Details view

Knowhow offering

Title	Electrode Materials for Li-ion Batteries and Supercapacitor for Electric Vehicles (EV) Application
Knowhow is available for	A low cost and scalable method for the production of both cathode & anode for Li-ion batteries for EV application.
Summary	
Advantages	Salient Features of the Cathode Material: □Very safe and reliable (No Thermal Runaway) □Very low toxicity for environment □Suitable to Indian climate □Calendar life > 10 Years Salient Features of the Anode Material: □Long lifetime (20,000 cycles) □Rapid Battery Charging and Discharging (6-8 min. charging) □Enhanced safety (no thermal runaway) □Safe, non-toxic and long cycle life Salient Features of the Supercapacitor: □High Power Delivery □Long cycle life > Million cycles □Good reversibility □Environmental friendly □High cycle efficiency (95% or more)

Knowhow is listed under following categories

Knowhow from	
Scientific/ engineering subject areas	Chemical sciences & engineering
Investor interest categories	Materials Technology including Nanotechnology
Industries	Defense, Aerospace, Atomic Energy (Strategic) ;