

Material development for high power lithium ion battery

Lithium-ion batteries (LIBs) have been commercialized for electric products in 1991. Since then, rechargeable LIBs are regarded as promising energy storage devices for portable electronics and electric vehicles owing to their excellent energy density and long cycling lifetime. E-one Moli Energy has invested in the development of LIBs over decade, and recently dedicate to design and manufacture high power cylindrical cell. In this talk, recent development of technologies and material science for LIBs will be presented.