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## [Samsung: Exploding Batteries Reloaded](#)

*The lithium-ion technology is unsafe and needs to be re-designed*



Lithium-Ion battery -  
ready for some  
sparks?

Notebook batteries have caused a lot of havoc amongst mobile computing fans. You may remember the incidents that [took place earlier this year](#), when some of LG Chemicals' cell batteries caught fire out of the blue and turned a residence to ashes. LG Chem published [the results of its internal investigations](#) and assured its buyers that a laptop battery cannot catch fire or explode during normal operation (cool environment and the absence of any severe shock), but LG axed sales of its Z1-AE007 laptop due to some suspicions regarding its faulty battery. It's now Samsung's turn to disseminate fear among its customers, as the company just admitted that a battery in one of its laptops melted and caused some damage. The incident lacked the proportions of the fire set by LG's battery. According to the incident's witnesses, Samsung's battery started to spit out smoke after it has been used for about three and a half hours on a pillow. The notebook seems to have lacked ventilation, as its vent holes were obscured by the pillow, and the accumulation of heat set the battery on fire. The melted battery burned the bed it was seated on, as well as a floor tile, yet the flames were put down with ease. Samsung spokespersons stated that the "arsonist" was a Samsung P10 model manufactured back in 2002. However, the company refused to give further details about it, such as the battery producer or its type. "We are checking details of the incident," says James Chung, the company spokesman. This is the last in a series of incidents that made notebook users look suspiciously at their devices. More than that, one of the scientists with the Tokyo Institute of Technology stated that the whole process the lithium-ion batteries are relying on is extremely dangerous and would have to be re-designed in order to make it acceptably safe. The company has started an internal investigation, but as of the time of writing, there have been no laptops recalled.