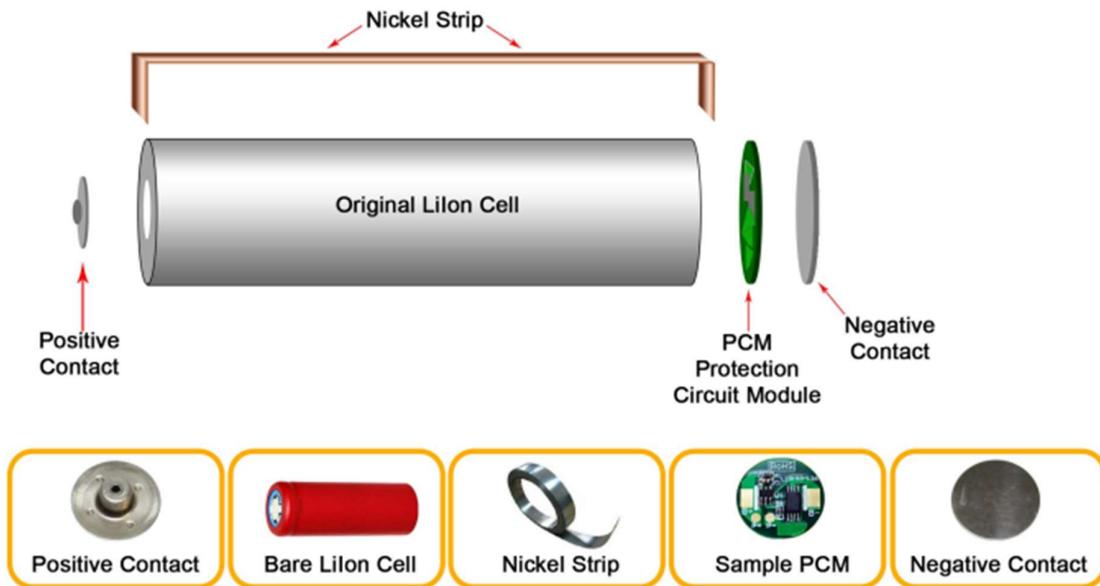


What are protected Lithium Ion Batteries?

The primary difference between the Protected and Unprotected batteries is that the protected batteries have a small circuit board, called a PCM or Protection Circuit Module, which stops the charging or discharge of the battery when Over-Charged, Over-Discharged, Short-circuited, and in some cases when overheating.

Whilst Lithium Ion batteries are extremely power dense, making them great for reducing the size and weights of products, they can be dangerous if misused.

Anatomy of a Protected Lilon Cylindrical Cell



These components are assembled to form the Protected battery



Simpower recommends only using lithium ion (Lilon) cells with a designated protection circuit module (PCM) and approved (appropriate) charger to avoid any risk of danger.