

ABSTRACT

Advances in technology are happening around us today makes us to try to follow it. Because with the advanced technology could really help people work every day. Based on that, now more people are using laptops as a tool to assist their work. Now users with very diverse, ranging from young children to the elderly. Advances in technology that occurred must also be balanced with an understanding of users in the care of all the devices on the laptop.

Based on the experience that happened that many users do not really know about the laptop battery maintenance of good and true. Thing that happens is a lot of users that are often negligent in performing revocation charger from the laptop when the laptop battery is full. When the charger is not disconnected from the laptop then the power will still be delivered to the battery while the battery is full. This can make laptop batteries become leaky and damaged.

Seeing the above, the device auto-stop and play charger is one answer to solve the problem. With the maximum performance will be helped in the treatment of batteries and to avoid any battery that is leaking and damaged.

In general, this final project discusses the design of stop-and-play auto charger for various types of laptops. So the charger will automatically stop mamberi laptop power (auto-stop) to the laptop when the battery is full, and will automatically charge the battery (auto play) when we want to empty your laptop battery. Automatic charging arrangement can be determined solely by the user. In the design of stop-and-play auto charger this will include making a stop-and-play software auto chargers and hardware configuration that serves as a breaker and junction voltage that is sent from the charger to the laptop. The draft will be united and connected to become a stop-and-play auto charger that can be used in many laptops.

Keywords: battery, auto, charger