The Plasma Battery

Kamal, Mustafa (School: Erbil Ishik Boys College)
Hamagareeb, Mohammed (School: Erbil Ishik Boys College)

Energy storage devices that can deliver high powers have many applications, but they bring out time and economic problems. Here we report an alternative approach of a new breakthrough “The Plasma Battery”. One promising option from this, is that it uses carbon nanotubes, which can store far more electricity than any other batteries. Reopening old useless batteries, and replacing them with a carbon nanotube tablet. Therefore creating a prototype, which can be tested and compared with other batteries. Our carbon nanotube battery has a leading efficiency of at least 1500 times among batteries which makes it nearly immortal, therefore it can be charged in just 4 minutes and gives at least 8 hours of continuous electricity. Resources required to produce them are plentiful, and many can be made with only a small amount of material. The data that we collected shows that our battery steps to the highest level of these qualities among lithium, lead acid, and any kind of material. “The plasma battery” is 80 percent efficient, which is the new record of a battery to reach. The batteries are 21st century technology for they will become the future generation of world wide batteries. They improve the life time of the device that is applied to, such as; smart phones, hybrid vehicles, Satellites, Investigational probs on other planets and many more.

Awards Won: