

Lemon Batteries

How could you charge your phone using lemons as the energy source?

Answer

Insert a penny into a cut on one side of A large, fresh, "juicy" lemon. Push a galvanized nail into the other side of the lemon. The nail and penny must NOT contact with each other. Connect AT LEAST five such lemon batteries IN SERIES and then connect the fresh made lemon battery pack to your phone charger.

Note that the minimum voltage for charging a smartphone is 4.5V whilst the single lemon battery has a voltage around 0.9V.