## **Super High-Power Battery Named Electron Tank**

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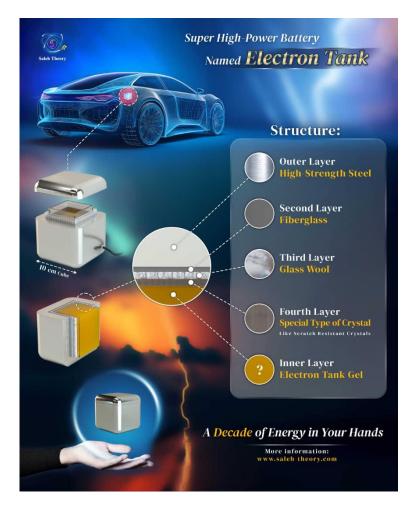
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Considering that conventional batteries used in ordinary vehicles typically have a capacity of around 80 amperes, approximately  $10^{27}$  electrons are stored within them, with the total mass of these electrons being about 0.002 grams. In the largest standard batteries, utilised by major corporations or printing presses, the mass of the stored electrons can reach approximately 1 to 2 grams.

In the new super-batteries introduced in this article, it is possible to store between 100 grams and approximately 20 kilograms of electrons.

$$E = \frac{1}{2}mv^{2} = \frac{1}{2}(100 \times 10^{-3})(3 \times 10^{8})^{2}$$
$$E = 4.5 \times 10^{15} J$$

It is evident that, given the  $10^{15}$  j energy generated by this battery could power a vehicle, such as a car, train, airplane, or ship, for several years.





## **References:**

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[3] Saleh, Gh. "A great revolution in producing affordable, abundant, convenient, clean and... energy so that one kilogram of it, could supply the power of moving a machine for years!." *APS Northwest Section Meeting Abstracts.* Vol. 22. 2022.

