

Protons

The proton is a positively charged particle which is situated in the nucleus of the atom. The proton was discovered by Ernest Rutherford in 1919.

Mass of a proton = 1.67×10^{-27} kilograms.

Charge of a proton = $+1.60 \times 10^{-19}$ coulombs.

The number of protons in the nucleus of the atom is called the atomic number.

The mass of a proton is about the same as that of a neutron, but it is about 2,000 times bigger than that of an electron. The size of the charge on a proton is the same as that of an electron, but they are opposite. We call the charge on a proton positive and the charge on an electron negative.