

Abstract

Provided are a battery holder, a power transfer device, an electric vehicle and an installation method for electric vehicle. The battery holder is mounted on the body of the electric vehicle to fix the battery pack, the battery holder includes a fixing bracket, a lock mechanism and a plurality of supporting devices, the lock mechanism is fixed on the fixing bracket, the supporting device is fixed on one side of the fixing bracket facing the battery pack, a plurality of supporting devices are used to provide a plurality of support points that support the battery pack. The electric vehicle includes the battery holder as described above. In the battery holder and the electric vehicle including the same of the present invention, the weight of the battery pack can be simultaneously distributed on the plurality of supporting devices and the lock mechanism, the force of the fixing bracket is more evenly, the force applied by the battery pack to the lock mechanism is reduced, the force concentration of the lock mechanism on the fixing bracket is prevented, the service life of the lock mechanism is improved, so as to improve safety performance, and improve the connection strength between the battery pack assembly and the battery holder.