CLAIMS

1. A vehicle charging system comprising:

a plurality of chargers for charging vehicles; and

a charge control device that controls the chargers, wherein

when a plurality of the vehicles are connected to the chargers, the charge control device sets a priority order according to the order of connection, charges a vehicle with first priority at a predetermined first current value in priority, charges a vehicle with a second or lower priority at a smaller current value than the current value of the vehicle with the first priority, and sets an upper-limit value of a current usable for vehicle charging based on received power information from a system to control the total vehicle charging current so that the total vehicle charging current has a smaller current value than the upper-limit value, wherein

when the charged amount of every vehicle to be charged reaches a predetermined power amount, the upper-limit value is equally divided to continue charging the respective vehicles.

2. The vehicle charging system according to claim 1, wherein

when a charged amount of the vehicle with the first priority reaches the predetermined power amount, the charge control device changes the priority order of the vehicle with the first priority to a lowest priority, and allows the vehicle with the second priority to be assigned the first priority to be charged at the first current value, and

a charging of a vehicle that has reached the predetermined power amount and has not reached full charge is continued at a smaller current value than a charging current used for a vehicle whose charged amount has not reached the predetermined power amount.