Charging gun with energy storage

What is the maximum charging power of a charging gun?

The maximum charging power of each charging unit and gun is 60 kW. When charging the batteries of two electric vehicles at the same time,charging gun 1 and charging gun 2 work simultaneously and independently,and the maximum charging power of both charging guns is 60 kW,the maximum charging power of the entire DC charger is 120 kW.

How many kW can a charging gun charge?

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What is the energy storage system for EV charger?

HAIKAI allows flexible production and customization. Our Energy Storage System for EV Charger is equipped with our own patented BMS system which can be modified according to client's request. Furthermore, we use high quality cells such as CATL, BYD Blade Battery and other customized high power (up to 8C discharge rate) battery cell.

How many kW can a battery charger charge?

It can charge the battery of an electric vehicle with a single gun; the maximum charging power is 60 kW. It can also charge the batteries of two electric vehicles with two guns at the same time; the maximum charging power is 120 kW. Therefore,the utilization rate of the charger can be improved.

Is there a gun/seat integrated control system for mobile energy storage vehicle?

With the rapid development of mobile energy storage technology and electric vehicle technology,there are higher requirements on the flexible and convenient interface of mobile energy storage vehicle. This paper presents a gun/seat integrated control system for mobile energy storage vehicle.

Can a 120 kW electric vehicle charge with two charging guns?

In this paper, a simulation model of a 120-kW electric vehicle DC charger with two charging guns is built in MATLAB; the feasibility of the DC charger and the effectiveness of the control strategy of the charging unit are verified through simulation. In PWM rectifier, the input voltage is AC voltage with amplitude of 380 V and frequency of 50 Hz.

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