



## **Smart Charging Station Solution**

A low-power wireless module is embedded in the charging station and combined with the control system to collect real-time operating data such as current, voltage, power and power usage of the charging station. The downlink of the smart gateway is connected to RS485 for collection and transmission nodes, and the uplink is connected to the server and terminal equipment through Wi-Fi, 4G and

other networks. The collected real-time running data of the charging pile is transparently transmitted to the terminal equipment platform through the smart gateway, and unified management of the large-scale charging pile is realized through the platform.



# Function

Grid

#### Power Consumption Management

Powerful data collection, measurement and statistics functions, real-time summary upload to the platform, easy to visualize centralized management.

#### Real-time Reports

Storing and generating key data comparison charts in real time, customizing the parameters and time points to be queried, and automatically generating reports and exporting the reports.

### Lot Method

According to different categories (public charging station or private charging station), different electricity pricing can be divided to meet the pricing needs of different scenarios.

#### • Fireproofing Management

Monitoring the current, temperature and other parameters of each charging circuit in real time, in the event of short circuit, poor contact, overload, abnormal charging, over-temperature and other electrical safety failures, the alarm information can be transmitted to the mobile phone APP and Web terminal in real time, notifying the administers at the first time, and conducting timely inspection and maintenance.