

Project: Data Extraction – StarCharge Heavy-Truck Charging Stations

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1. Data Coverage

All the main data fields from the StarCharge official app have been collected and consolidated. This dataset represents the nationwide coverage of heavy-truck charging stations currently accessible in the app.

2. Number of Vehicle Bays

The column Number of vehicle bays has only been populated for stations where the app explicitly displayed bay numbers. For other stations, the field remains blank in line with our agreed approach.

3. Year Operational & Investment (CNY)

We conducted systematic searches for each station name and operator (columns B and D) across:

- Official StarCharge WeChat announcements
- Local government portals / press releases
- Local news sources
- Partner company publications

To reduce noise and improve accuracy, station names were pre-processed before searching:

- Removed irrelevant tags (e.g., “【内部专用】”, “(不对外)”)
- Standardized prefixes (e.g., removed “星星充电-”)
- Preserved essential context (e.g., “(胶东机场)”)
- Combined with province/city context when necessary

Despite these efforts, no reliable public information was found for Year operational and Investment (CNY). Therefore, these fields are left blank to avoid inaccurate assumptions.

4. Source Filter

The Source filter column was populated based on filtering criteria in the app:

- If results differed between “Heavy-truck bays” and “Heavy-truck bays + Dedicated stations”, the stations exclusive to the latter were marked as “Heavy-truck bays + Dedicated stations”.
- Otherwise, the default entry is “Heavy-truck bays”.

5. Notes

The Notes column was used to capture special remarks or exceptions:

- 1) Closed stations
 - Example: Closed (暂停营业)
- 2) Tariff exceptions
 - Special prices (e.g., Took '尖' shows peak hour charge: 1.58; off-peak tariffs: 0.8)

- Price-setting clarifications (e.g., In addition to '会员价' and '电站价', there is also '优惠价')

3) Passenger EV / e-van interoperability

When the cell is left blank, it corresponds to one of the following cases:

- No info on passenger EV accessibility
- Station has separate bays for passenger EVs, but heavy-truck chargers are not compatible
- User comments mention compatibility with multiple vehicle types, but not specified if passenger EVs/e-vans are included

4) Partners missing

- Example: Partners is a personal merchant. The business license is currently being updated and the loading has failed.