**数据库名：monitor**

**表名：tb\_brand**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | brand\_name | varchar | 255 |  |  |  |  | 是 |  | 品牌名称 |
| 3 | addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |

**表名：tb\_equipment**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | Pic | varchar | 255 |  |  |  |  | 是 |  | 照片 |
| 3 | Lat | varchar | 255 |  |  |  |  | 是 |  | 经度 |
| 4 | Lng | varchar | 255 |  |  |  |  | 是 |  | 纬度 |
| 5 | timezone | varchar | 255 |  |  |  |  | 是 |  | 设备内置时区 |
| 6 | brand | int | 255 |  |  |  |  | 是 |  | 品牌id |
| 7 | addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |
| 8 | Power | int | 255 |  |  |  |  | 是 |  | 功率 |
| 9 | check\_code | varchar | 255 |  |  |  |  | 是 |  | 验证码 |
| 10 | equipment\_code | varchar | 255 |  |  |  |  | 是 |  | 逆变器编号 |
| 11 | equipment\_s\_code | varchar | 255 |  |  |  |  | 是 |  | 采集器 编号 |
| 12 | Model | varchar | 255 |  |  |  |  | 是 |  | 型号 |

**表名：tb\_error**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | equipment\_id | int | 11 |  |  |  |  | 是 |  | 设备id |
| 3 | Code | varchar | 255 |  |  |  |  | 是 |  | 错误编码（设备发送的） |
| 4 | re\_code | varchar | 255 |  |  |  |  | 是 |  | 转换后错误编码 |
| 5 | error\_info | varchar | 255 |  |  |  |  | 是 |  | 错误信息 |
| 6 | Type | varchar | 255 |  |  |  |  | 是 |  | 处理状态（已处理、未处理） |
| 7 | addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |

**表名：tb\_history**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | equipment\_id | int | 11 |  |  |  |  | 是 |  | 设备id |
| 3 | DC\_voltage | varchar | 255 |  |  |  |  | 是 |  | 直流电压 |
| 4 | Direct\_current | varchar | 255 |  |  |  |  | 是 |  | 直流电流 |
| 5 | AC\_voltage | varchar | 255 |  |  |  |  | 是 |  | 交流电压 |
| 6 | alternating-current | varchar | 255 |  |  |  |  | 是 |  | 交流电流 |
| 7 | temperature | varchar | 255 |  |  |  |  | 是 |  | 温度 |
| 8 | over\_generating\_capacity | varchar | 255 |  |  |  |  | 是 |  | 截止当前时间发电量 |
| 9 | Addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |

**表名：tb\_log**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | Info | text |  |  |  |  |  | 是 |  | 日志信息 |
| 3 | Ip | varchar | 255 |  |  |  |  | 是 |  | 日志ip |
| 4 | addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |

**表名：tb\_user**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **标识** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | Id | int | 11 |  | 是 | 是 |  | 否 |  | auto\_increment |
| 2 | pname | varchar | 255 |  |  |  |  | 是 |  | 用户名称 |
| 3 | phone | varchar | 255 |  |  |  |  | 是 |  | 电话 |
| 4 | province | varchar | 255 |  |  |  |  | 是 |  | 省份 |
| 5 | city | varchar | 255 |  |  |  |  | 是 |  | 城市 |
| 6 | area | varchar | 255 |  |  |  |  | 是 |  | 区、县 |
| 7 | address | varchar | 255 |  |  |  |  | 是 |  | 详细地址 |
| 8 | addtime | datetime |  |  |  |  |  | 是 |  | on update CURRENT\_TIMESTAMP |