WEB端API文档说明书

V1.0.0

江苏固德威电源科技股份有限公司

2017年10月

目 录

1. APP登陆接口接口

1.1. 接口地址

http:// www.goodwe-power.com/mobile/Login

请求方式：Get

1.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
username	String	是	用户名或邮箱
password	String	是	密码（MD5密文）

返回参数：

参数名称	类型	是否必传	参数说明
loginFlag	String	是	登陆标示　(登录成功="0",用户名不存在="1",密码错误="2")
roleType	String	是	角色类型

1.3. 入参示例

```
{
  "username": "xxxxxxxxxx",
  "password": "C692B229C692B229C692B229C692B229"
}
```

1.4. 返回参数示例

```
{
  "loginFlag": "0",
  "roleType": "C692B229-D3D3-4772-A475-F5B045C73565"
}
```

2. 根据用户名获取电站信息列表接口

2.1. 接口地址

http:// www.goodwe-power.com/mobile/GetMyPowerStationByUser

请求方式：Get

2.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明

userName	String	是	用户名

返回参数：

参数名称	类型	是否必传	参数说明
stationId	String	是	电站ID
stationName	String	是	电站名称
station_pic	String	是	电站图片
currentPower	String	是	当前功率
capacity	String	是	装机容量
value_eDayTotal	String	是	今日发电量
value_eTotal	String	是	总发电量
value_dayIncome	String	是	今日收入
value_totalIncome	String	是	总收入

2.3. 入参示例

```
{
    "userName": "xxxxxxxxxx"
}
```

2.4. 返回参数示例

```
[
  {
    "stationId": "60c4adb0-bf16-49e8-9b37-501c5d232163",
    "stationName": "GoodWe0027s Rooftop",
    "station_pic": "/files/20130624162659_abd1d19f-6b97-4202-ab57-280c841ce59f_small.Png",
    "currentPower": "2.291kW",
    "capacity": "15.000kW",
    "value_eDayTotal": "12.9kWh",
    "value_eTotal": "3722.8kWh",
    "value_dayIncome": "￥16.38",
    "value_totalIncome": "￥4727.96"
  },
  {
    "stationId": "f9f7cfda-0096-47ce-b413-ed92c7b1c689",
    "stationName": "Dvb",
    "station_pic": "/Content/images/pic.JPG",
    "currentPower": "0.278kW",
    "capacity": "3.000kW",
    "value_eDayTotal": "0.1kWh",
    "value_eTotal": "195.9kWh",
    "value_dayIncome": "€0.05",
    "value_totalIncome": "€97.95"
  }
]
```

3. 根据电站ID获取电站详细信息接口

3.1. 接口地址

http:// www.goodwe-power.com/mobile/GetMyPowerStationById

请求方式：Get

3.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
stationId	String	是	经销商编码

返回参数：

参数名称	类型	是否必传	参数说明
curpower	String	是	实时功率
capacity	String	是	装机容量
percent	String	是	百分比
status	String	是	状态
createdate	String	是	创建时间
eday	String	是	今日发电量
etotal	String	是	总发电量
income	String	是	今日收入
totalincome	String	是	总输入
co2reduce	String	是	今日减排二氧化碳
totalco2reduce	String	是	总减排二氧化碳
treesaved	String	是	今日等效植树
totaltreesaved	String	是	总等效植树

3.3. 入参示例

```
{
    "stationId": "xxxxxxxxxx"
}
```

3.4. 返回参数示例

```
{
```

```
    "curpower": "1.911kW",
    "capacity": "15.000kW",
    "percent": "2",
    "status": "Abnormal",
    "createdate": "2013-02-24",
    "eday": "12.9kWh",
    "etotal": "3722.8kWh",
    "income": "￥16.38",
    "totalincome": "￥4727.96",
    "co2reduce": "0.013",
    "totalco2reduce": "3.710",
    "treesaved": "0.039",
    "totaltreesaved": "11.168"
}
```

4. 获取电站柱状图表接口(年月日)

4.1. 接口地址

http:// www.goodwe-power.com/mobile/GetPowerBarChart

请求方式：Get

4.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
stationId	String	是	经销商编码
queryType	String	是	请求类型（0:每年，1:每月，2:每日）
date	String	日期	请求时间戳（格式yyyy-MM-dd HH：mm：ss）

返回参数：

参数名称	类型	是否必传	参数说明
YearNum	String	是	年份
YearEnergy	String	是	年发电量
MonthNum	String	是	月份
MonthEnergy	String	是	月发电量
DayNum	String	是	日期
DayEnergy	String	是	日发电量

4.3. 入参示例

```
{
    "stationId": "xxxxxxxxxx",
    "queryType": "0",
```

```
    "date": "2017-09-01 00:00:00"
}
```

4.4. 返回参数示例

queryType：0,return json result：[

```
  {
    "YearNum": "2013",
    "YearEnergy": "3088.3"
  }
]。
```

queryType：1,return json result：[

```
  {
    "MonthNum": "1",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "2",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "3",
    "MonthEnergy": "74.6"
  },
  {
    "MonthNum": "4",
    "MonthEnergy": "1125.6"
  },
  {
    "MonthNum": "5",
    "MonthEnergy": "991.5"
  },
  {
    "MonthNum": "6",
    "MonthEnergy": "822.9"
  },
  {
    "MonthNum": "7",
    "MonthEnergy": "73.7"
  },
  {
    "MonthNum": "8",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "9",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "10",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "11",
    "MonthEnergy": "0"
  },
  {
    "MonthNum": "12",
    "MonthEnergy": "0"
  }
]。
```

queryType：2,return json result：[

```
{
    "DayNum": "1",
    "DayEnergy": "0"
},
{
    "DayNum": "2",
    "DayEnergy": "0"
},
{
    "DayNum": "3",
    "DayEnergy": "0"
},
{
    "DayNum": "4",
    "DayEnergy": "0"
},
{
    "DayNum": "5",
    "DayEnergy": "0"
},
{
    "DayNum": "6",
    "DayEnergy": "0"
},
{
    "DayNum": "7",
    "DayEnergy": "0"
},
{
    "DayNum": "8",
    "DayEnergy": "0"
},
{
    "DayNum": "9",
    "DayEnergy": "0"
},
{
    "DayNum": "10",
    "DayEnergy": "0"
},
{
    "DayNum": "11",
    "DayEnergy": "0"
},
{
    "DayNum": "12",
    "DayEnergy": "0"
},
{
    "DayNum": "13",
    "DayEnergy": "0"
},
{
    "DayNum": "14",
    "DayEnergy": "0"
},
{
    "DayNum": "15",
    "DayEnergy": "0"
},
{
    "DayNum": "16",
    "DayEnergy": "0"
```

```
    },
    {
      "DayNum": "17",
      "DayEnergy": "12.2"
    },
    {
      "DayNum": "18",
      "DayEnergy": "45.9"
    },
    {
      "DayNum": "19",
      "DayEnergy": "16.5"
    },
    {
      "DayNum": "20",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "21",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "22",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "23",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "24",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "25",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "26",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "27",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "28",
      "DayEnergy": "0"
    },
    {
      "DayNum": "29",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "30",
      "DayEnergy": "0.0"
    },
    {
      "DayNum": "31",
      "DayEnergy": "0.0"
    }
  ]
```

5. 获取电站日发电量折线图接口

5.1. 接口地址

http:// www.goodwe-power.com/mobile/GetPacLineChart

请求方式：Get

5.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
stationId	String	是	经销商编码
date	String	日期	请求时间戳（格式yyyy-MM-dd HH：mm：ss）

返回参数：

参数名称	类型	是否必传	参数说明
HourNum	String	是	时间（几点几十分）
HourPower	String	是	发电量

5.3. 入参示例

```
{
  "stationId": "xxxxxxxxxx",
  "date": "2017-09-01 00:00:00"
}
```

5.4. 返回参数示例

```
[
  {
    "HourNum": "0:10",
    "HourPower": "0"
  },
  {
    "HourNum": "0:20",
    "HourPower": "0"
  },
  {
    "HourNum": "0:30",
    "HourPower": "0"
  },
  {
    "HourNum": "0:40",
    "HourPower": "0"
  },
  {
    "HourNum": "0:50",
    "HourPower": "0"
```

```
    },
    {
        "HourNum": "1:0",
        "HourPower": "0"
    },
    {
        "HourNum": "1:10",
        "HourPower": "0"
    },
    {
        "HourNum": "1:20",
        "HourPower": "0"
    },
    {
        "HourNum": "1:30",
        "HourPower": "0"
    },
    {
        "HourNum": "1:40",
        "HourPower": "0"
    },
    {
        "HourNum": "1:50",
        "HourPower": "0"
    },
    {
        "HourNum": "2:0",
        "HourPower": "0"
    },
    {
        "HourNum": "2:10",
        "HourPower": "0"
    },
    {
        "HourNum": "2:20",
        "HourPower": "0"
    },
    {
        "HourNum": "2:30",
        "HourPower": "0"
    },
    {
        "HourNum": "2:40",
        "HourPower": "0"
    },
    {
        "HourNum": "2:50",
        "HourPower": "0"
    },
    {
        "HourNum": "3:0",
        "HourPower": "0"
    },
    {
        "HourNum": "3:10",
        "HourPower": "0"
    },
    {
        "HourNum": "3:20",
        "HourPower": "0"
    },
    {
        "HourNum": "3:30",
```

```
    "HourPower": "0"
  },
  {
    "HourNum": "3:40",
    "HourPower": "0"
  },
  {
    "HourNum": "3:50",
    "HourPower": "0"
  },
  {
    "HourNum": "4:0",
    "HourPower": "0"
  },
  {
    "HourNum": "4:10",
    "HourPower": "0"
  },
  {
    "HourNum": "4:20",
    "HourPower": "0"
  },
  {
    "HourNum": "4:30",
    "HourPower": "0"
  },
  {
    "HourNum": "4:40",
    "HourPower": "0"
  },
  {
    "HourNum": "4:50",
    "HourPower": "0"
  },
  {
    "HourNum": "5:0",
    "HourPower": "0"
  },
  {
    "HourNum": "5:10",
    "HourPower": "0"
  },
  {
    "HourNum": "5:20",
    "HourPower": "0"
  },
  {
    "HourNum": "5:30",
    "HourPower": "0"
  },
  {
    "HourNum": "5:40",
    "HourPower": "0"
  },
  {
    "HourNum": "5:50",
    "HourPower": "0"
  },
  {
    "HourNum": "6:0",
    "HourPower": "0"
  },
  {
```

```
      "HourNum": "6:10",
      "HourPower": "0"
    },
    {
      "HourNum": "6:20",
      "HourPower": "0"
    },
    {
      "HourNum": "6:30",
      "HourPower": "0"
    },
    {
      "HourNum": "6:40",
      "HourPower": "0"
    },
    {
      "HourNum": "6:50",
      "HourPower": "0"
    },
    {
      "HourNum": "7:0",
      "HourPower": "0"
    },
    {
      "HourNum": "7:10",
      "HourPower": "0"
    },
    {
      "HourNum": "7:20",
      "HourPower": "0"
    },
    {
      "HourNum": "7:30",
      "HourPower": "0"
    },
    {
      "HourNum": "7:40",
      "HourPower": "0"
    },
    {
      "HourNum": "7:50",
      "HourPower": "0"
    },
    {
      "HourNum": "8:0",
      "HourPower": "0"
    },
    {
      "HourNum": "8:10",
      "HourPower": "0"
    },
    {
      "HourNum": "8:20",
      "HourPower": "0"
    },
    {
      "HourNum": "8:30",
      "HourPower": "0"
    },
    {
      "HourNum": "8:40",
      "HourPower": "0"
    },
```

```
  {
    "HourNum": "8:50",
    "HourPower": "0"
  },
  {
    "HourNum": "9:0",
    "HourPower": "0"
  },
  {
    "HourNum": "9:10",
    "HourPower": "0"
  },
  {
    "HourNum": "9:20",
    "HourPower": "0"
  },
  {
    "HourNum": "9:30",
    "HourPower": "0"
  },
  {
    "HourNum": "9:40",
    "HourPower": "0"
  },
  {
    "HourNum": "9:50",
    "HourPower": "0"
  },
  {
    "HourNum": "10:0",
    "HourPower": "0"
  },
  {
    "HourNum": "10:10",
    "HourPower": "0"
  },
  {
    "HourNum": "10:20",
    "HourPower": "0"
  },
  {
    "HourNum": "10:30",
    "HourPower": "0"
  },
  {
    "HourNum": "10:40",
    "HourPower": "0"
  },
  {
    "HourNum": "10:50",
    "HourPower": "0"
  },
  {
    "HourNum": "11:0",
    "HourPower": "0"
  },
  {
    "HourNum": "11:10",
    "HourPower": "0"
  },
  {
    "HourNum": "11:20",
    "HourPower": "0"
```

```
    },
    {
      "HourNum": "11:30",
      "HourPower": "0"
    },
    {
      "HourNum": "11:40",
      "HourPower": "0"
    },
    {
      "HourNum": "11:50",
      "HourPower": "0"
    },
    {
      "HourNum": "12:0",
      "HourPower": "0"
    },
    {
      "HourNum": "12:10",
      "HourPower": "0"
    },
    {
      "HourNum": "12:20",
      "HourPower": "0"
    },
    {
      "HourNum": "12:30",
      "HourPower": "0"
    },
    {
      "HourNum": "12:40",
      "HourPower": "0"
    },
    {
      "HourNum": "12:50",
      "HourPower": "0"
    },
    {
      "HourNum": "13:0",
      "HourPower": "0"
    },
    {
      "HourNum": "13:10",
      "HourPower": "0"
    },
    {
      "HourNum": "13:20",
      "HourPower": "0"
    },
    {
      "HourNum": "13:30",
      "HourPower": "0"
    },
    {
      "HourNum": "13:40",
      "HourPower": "0"
    },
    {
      "HourNum": "13:50",
      "HourPower": "0"
    },
    {
      "HourNum": "14:0",
```

```
      "HourPower": "0"
    },
    {
      "HourNum": "14:10",
      "HourPower": "0"
    },
    {
      "HourNum": "14:20",
      "HourPower": "0"
    },
    {
      "HourNum": "14:30",
      "HourPower": "0"
    },
    {
      "HourNum": "14:40",
      "HourPower": "0"
    },
    {
      "HourNum": "14:50",
      "HourPower": "0"
    },
    {
      "HourNum": "15:0",
      "HourPower": "0"
    },
    {
      "HourNum": "15:10",
      "HourPower": "0"
    },
    {
      "HourNum": "15:20",
      "HourPower": "0"
    },
    {
      "HourNum": "15:30",
      "HourPower": "0"
    },
    {
      "HourNum": "15:40",
      "HourPower": "0"
    },
    {
      "HourNum": "15:50",
      "HourPower": "0"
    },
    {
      "HourNum": "16:0",
      "HourPower": "0"
    },
    {
      "HourNum": "16:10",
      "HourPower": "0"
    },
    {
      "HourNum": "16:20",
      "HourPower": "0"
    },
    {
      "HourNum": "16:30",
      "HourPower": "0"
    },
    {
```

```
      "HourNum": "16:40",
      "HourPower": "0"
    },
    {
      "HourNum": "16:50",
      "HourPower": "0"
    },
    {
      "HourNum": "17:0",
      "HourPower": "0"
    },
    {
      "HourNum": "17:10",
      "HourPower": "0"
    },
    {
      "HourNum": "17:20",
      "HourPower": "0"
    },
    {
      "HourNum": "17:30",
      "HourPower": "0"
    },
    {
      "HourNum": "17:40",
      "HourPower": "0"
    },
    {
      "HourNum": "17:50",
      "HourPower": "0"
    },
    {
      "HourNum": "18:0",
      "HourPower": "0"
    },
    {
      "HourNum": "18:10",
      "HourPower": "0"
    },
    {
      "HourNum": "18:20",
      "HourPower": "0"
    },
    {
      "HourNum": "18:30",
      "HourPower": "0"
    },
    {
      "HourNum": "18:40",
      "HourPower": "0"
    },
    {
      "HourNum": "18:50",
      "HourPower": "0"
    },
    {
      "HourNum": "19:0",
      "HourPower": "0"
    },
    {
      "HourNum": "19:10",
      "HourPower": "0"
    },
```

```
    {
        "HourNum": "19:20",
        "HourPower": "0"
    },
    {
        "HourNum": "19:30",
        "HourPower": "0"
    },
    {
        "HourNum": "19:40",
        "HourPower": "0"
    },
    {
        "HourNum": "19:50",
        "HourPower": "0"
    },
    {
        "HourNum": "20:0",
        "HourPower": "0"
    },
    {
        "HourNum": "20:10",
        "HourPower": "0"
    },
    {
        "HourNum": "20:20",
        "HourPower": "0"
    },
    {
        "HourNum": "20:30",
        "HourPower": "0"
    },
    {
        "HourNum": "20:40",
        "HourPower": "0"
    },
    {
        "HourNum": "20:50",
        "HourPower": "0"
    },
    {
        "HourNum": "21:0",
        "HourPower": "0"
    },
    {
        "HourNum": "21:10",
        "HourPower": "0"
    },
    {
        "HourNum": "21:20",
        "HourPower": "0"
    },
    {
        "HourNum": "21:30",
        "HourPower": "0"
    },
    {
        "HourNum": "21:40",
        "HourPower": "0"
    },
    {
        "HourNum": "21:50",
        "HourPower": "0"
```

```
  },
  {
    "HourNum": "22:0",
    "HourPower": "0"
  },
  {
    "HourNum": "22:10",
    "HourPower": "0"
  },
  {
    "HourNum": "22:20",
    "HourPower": "0"
  },
  {
    "HourNum": "22:30",
    "HourPower": "0"
  },
  {
    "HourNum": "22:40",
    "HourPower": "0"
  },
  {
    "HourNum": "22:50",
    "HourPower": "0"
  },
  {
    "HourNum": "23:0",
    "HourPower": "0"
  },
  {
    "HourNum": "23:10",
    "HourPower": "0"
  },
  {
    "HourNum": "23:20",
    "HourPower": "0"
  },
  {
    "HourNum": "23:30",
    "HourPower": "0"
  },
  {
    "HourNum": "23:40",
    "HourPower": "0"
  },
  {
    "HourNum": "23:50",
    "HourPower": "0"
  },
  {
    "HourNum": "24:0",
    "HourPower": "0"
  }
]
```

6．根据电站ID获取设备列表接口

6.1．接口地址

http:// www.goodwe-power.com/mobile/GetMyDeviceListById

请求方式：Get

6.2．参数说明

请求参数：

参数名称	类型	是否必传	参数说明
stationId	String	是	电站ID

返回参数（返回含当前月份前推1年的数据）：

参数名称	类型	是否必传	参数说明
inventersn	String	是	设备序列号
desc	String	是	备注
power	String	是	容量
status	String	是	状态
eday	String	是	今日发电量
etotal	String	是	总发电量
errormsg	String	是	错误码

6.3．入参示例

```
{
    "stationId": "xxxxxxxxxx"
}
```

6.4．返回参数示例

```
[
  {
    "inventersn": "1017KDTU12B00030",
    "desc": "Rooftop",
    "power": "0W",
    "status": "Offline",
    "eday": "0.0kWh",
    "etotal": "2880.5kWh",
    "errormsg": "N/A"
  },
  {
    "inventersn": "14200DSU11111111",
    "desc": "屋顶",
    "power": "1787W",
    "status": "Normal",
    "eday": "13.2kWh",
```

```
    "etotal": "842.6kWh",
    "errormsg": "N/A"
  }
]
```

7. 获取固德威公司地址接口

7.1. 接口地址

http:// www.goodwe-power.com/mobile/GetAddress

请求方式：Get

7.2. 参数说明

请求参数：无
返回参数：

参数名称	类型	是否必传	参数说明
orgname	String	是	公司名称
address	String	是	地址
email	String	是	邮箱
telephone	String	是	电话
fax	String	是	传真
website	String	是	网站

7.3. 入参示例

无

7.4. 返回参数示例

```
[
  {
    "orgname": "GoodWe (China)",
    "address": "No.189 Kunlunshan Rd., SND, Suzhou, 215163, China",
    "email": "sales@goodwe.com.cn",
    "telephone": "+86 512 6239 6775",
    "fax": "+86 512 6239 7972",
    "website": "www.goodwe.com.cn"
  },
  {
    "orgname": "GoodWe (Europe)",
    "address": "Lise-Meitner-Str. 1-13 (Haus 1), D-42119 Wuppertal, Germany",
    "email": "europe@goodwe.com.cn",
    "telephone": "+49 202 94228160",
    "fax": "+49 202 94228161",
    "website": "www.goodwe.de"
  },
  {
    "orgname": "GoodWe (Australia)",
```

```
"address": "Melbourne, VIC",
"email": "david.liu@goodwe.com.cn",
"telephone": "+61 432 180 156",
"fax": "",
"website": "www.goodwe.de"
}
]
```

8. 获取用户电站地理接口

8.1. 接口地址

http:// www.goodwe-power.com/mobile/GetMapData

请求方式：Get

8.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
username	String	是	用户名

返回参数（返回含当前月份前推1年的数据）：

参数名称	类型	是否必传	参数说明
stationid	String	是	电站ID
stationName	String	是	电站名称
lat	String	是	纬度
lng	String	是	经度
stationpic	String	是	电站图片
shadowpic	String	是	背景图片
contentinfo	String	是	内容信息

8.3. 入参示例

```
{
    "username": "xxxxxxxxxx"
}
```

8.4. 返回参数示例

```
[
    {
        "stationid": "60c4adb0-bf16-49e8-9b37-501c5d232163",
        "stationName": "GoodWe0027s Rooftop",
```

```
    "lat": "31.36",
    "lng": "120.41",
    "stationpic": "http://www.goodwe-power.com/files/SolarPanels.png",
    "shadowpic": "http://www.goodwe.com/images/stationbgpic.png",
    "contentinfo": "GoodWe0027s Rooftop"
  },
  {
    "stationid": "f9f7cfda-0096-47ce-b413-ed92c7b1c689",
    "stationName": "Dvb",
    "lat": "52.02",
    "lng": "4.49",
    "stationpic": "http://www.goodwe-power.com/files/SolarPanels.png",
    "shadowpic": "http://www.goodwe.com/images/stationbgpic.png",
    "contentinfo": "Dvb"
  }
]
```

9. 根据电站ID获取电站地理信息接口

9.1. 接口地址

http:// www.goodwe-power.com/mobile/GetMapDataByStationId

请求方式：Get

9.2. 参数说明

请求参数：

参数名称	类型	是否必传	参数说明
stationid	String	是	电站ID

返回参数：

参数名称	类型	是否必传	参数说明
stationid	String	是	电站ID
stationName	String	是	电站名称
lat	String	是	纬度
lng	String	是	经度
stationpic	String	是	电站图片
shadowpic	String	是	背景图片
contentinfo	String	是	内容信息

9.3. 入参示例

```
{
  "stationid": "xxxxxxxxxx"
}
```

9.4. 返回参数示例

```
{
    "stationid": "60c4adb0-bf16-49e8-9b37-501c5d232163",
    "stationName": "GoodWe0027s Rooftop",
    "lat": "31.36",
    "lng": "120.41",
    "stationpic": "http://www.goodwe-power.com/files/SolarPanels.png",
    "shadowpic": "http://www.goodwe.com/images/stationbgpic.png",
    "contentinfo": "GoodWe0027s Rooftop"
}
```