

# 1、Global Declarations

## 1.1、Preface

[TOC]

### Brief Description

- API interface to control power bank cabinet

### protocol

- http protocol

### Interface request address

- <https://api.w-dian.cn/operate>

### Request method

- POST/GET

### heade data

Parameter name	Type	Required	Description
ocode	string	Yes	Operator identifier Contact business to obtain
token	string	Yes	Secret key Login to obtain Login interface does not need to be passed. Valid for 30 minutes. Request any interface to reset the time. No request within 30 minutes. Token expires and returns 401. Need to log in again to obtain

### body data types

- form-data

### reply example

- json

```
{
  "code": 1,
  "data": {
    "uid": "1",
    "username": "12154545",
  },
  "msg" : "用户信息"
}
```

•

用户信息= user information

•

Return parameter description

•

Parameter name	Type	Description
code	int	Status code 1: Normal; 0: Failed; 401 Re-login
data	object	data
msg	string	description

Version History

Version	Date	Description	Author
v1.0.0	2024-08-23	Initial Version	Eason

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1.2、Token

[TOC]

Obtain Token

- Login to obtain the token, Contact your sales to get related data

Portocol

- /auth/login

Request Method:

- POST

Parameters:

Parameter Name	Required	Type	Description
----------------	----------	------	-------------

name	YES	string	Account
password	YES	string	Password

#### Response Example:

```
{
  "code": 1,
  "data": {
    "token": "TAMbPx9ytF",
    "ocode": "test",
    "equipment_model": [
      {
        "id": "zs4",
        "name": "Desktop 4- slot Cabinet",
        "producer": "zd",
        "num": 4
      },
      {
        "id": "zs6",
        "name": "Desktop 6- slot Cabinet",
        "producer": "zd",
        "num": 6
      },
      {
        "id": "pm8",
        "name": "Desktop 8-slots Cabinet with screen",
        "producer": "zd",
        "num": 8
      },
      {
        "id": "dx8",
        "name": "Desktop 8-slots Cabinet with light box",
        "producer": "zd",
        "num": 8
      },
      {
        "id": "zs8",
        "name": "Desktop 8-slots Cabine",
        "producer": "zd",
        "num": 8
      },
      {
        "id": "zs12",
        "name": "Desktop 12-slots Cabine",
        "producer": "zd",
        "num": 12
      },
      {
        "id": "pm12",
        "name": "12 slots with screen",
        "producer": "zd",
        "num": 12
      },
      {
        "id": "zs16",
        "name": "Desktop 16-slots Cabine",
        "producer": "zd",
        "num": 16
      },
    ]
  }
}
```

```

    {
      "id": "zs24",
      "name": "Desktop 24-slots Cabine",
      "producer": "zd",
      "num": 24
    },
    {
      "id": "gs24",
      "name": "Vertical 24-slots Cabinet with screen",
      "producer": "zd",
      "num": 24
    },
    {
      "id": "dx24",
      "name": "Vertical 24-slots Cabinet with light box",
      "producer": "zd",
      "num": 24
    },
    {
      "id": "gs48",
      "name": "Vertical 48-slots Cabinet with screen",
      "producer": "zd",
      "num": 48
    },
    {
      "id": "dx48",
      "name": "Vertical 48-slots Cabinet with light box",
      "producer": "zd",
      "num": 48
    }
  ],
  "msg": "login successful"
}

```

#### Response Parameter Description:

Parameter Name	Type	Description
token	string	Secret key, valid for 30 minutes
ocode	string	Operator identifier
id	string	Equipment model ID
name	string	Model name
num	int	Number of charging ports
producer	string	Manufacturer

#### Note:

- The token is valid for 30 minutes. Any request made before expiration will reset the time. If no operation occurs or if a new login is made, the token will expire.

## 2、Device Management

### 2.1、Add Cabinet

[TOC]

#### Brief Description:

- Adding a cabinet to the inventory.

#### Request URL

- /equipment/add

#### Request Method:

- POST

#### Parameters:

Parameter Name	Required	Type	Description
cabinet_id	YES	string	Cabinet ID
qrcode	YES	string	QR code
model	YES	string	Equipment model, obtained by logging in
sim	NO	string	IoT card number, automatically obtained by the device

Equipment type, log in to authorize and obtain equipment\_model and pass the id, for example, the screen has 8 ports, model:zd-d08

#### Response Example:

```
{
  "code": 1,
  "data": {
    "cabinet_id": "CT123123123128"
  },
  "msg": "Operation Succeed"
}
```

#### Response Parameter Description:

Parameter name	Type	Description
cabinet_id	string	Cabinet ID

## 2.2、Modify cabinet information

[TOC]

#### Brief Description

- Revise Cabinet information

#### Request URL

- /equipment/edit

#### Request Method

- POST

#### Parameters:

Parameter name	Required	Type	Description
cabinet_id	YES	string	Cabinet ID
qrcode	YES	string	QR code
model	YES	string	Cabinet model, obtained by logging in
sim	NO	string	IoT card number, automatically obtained by the device

device type, please log in to obtain equipment\_model,upload id ,for example 8 slots model with screen: pm8

#### Response example

```
{
  "code": 1,
  "msg": "Operation Succeed"
}
```

## 2.3、Cabinet information

[TOC]

#### Brief Description

- Get basic information about the cabinet

#### request URL

- /equipment/info

#### Request method

- POST

#### Parameter

Parameter name	Required	Type	Description
cabinet_id	YES	string	Cabinet No.

#### Response example

```
{
  "code": 1,
```

```
    "data": {
      "cabinet_id": "CT054200601018",
      "qrcode": "CT05420060111",
      "model": "pm8",
      "network_card": "",
      "volume": 100,
      "heart_time": 1724660033,
      "is_online": 1,
      "create_time": 1724482517,
      "update_time": 1724657624
    },
    "msg": "Cabinet information"
  }
```

#### Response parameter description

Parameter name	Type	Description
cabinet_id	string	Cabinet No.
qrcode	string	QR code number
model	string	Device Model
volume	int	Cabinet volume
network_card	string	IoT Card
heart_time	time	The time of the last heartbeat
is_online	int	Online or not: 1: Online, 0: Offline
create_time	time	Add cabinet time
update_time	time	Last modified time

#### Remark

- is\_online needs to be combined with heart\_time to determine whether the device is online. Heart\_time is usually once every 45 seconds

## 2.4、Delete Cabinet

[TOC]

#### Brief Description

- Delete Cabinet

#### Request URL

- /equipment/delete

#### Request method

- POST

#### Parameter

Parameter name	Required	Type	Description
cabinet_id	YES	string	Cabinet No.

#### Response example

```
{
  "code": 1,
  "msg": "Operation Succeed"
}
```

## 2.5、Cabinet List

[TOC]

[TOC]

#### Brief Description

- Get the cabinet list

#### Request URL

- /equipment/index?page=1

#### Request method

- GET

#### Parameter

Parameter name	Required	Type	Description
page_size	NO	int	quantity default 20
cabinet_id	NO	string	Cabinet No.
qrcode	NO	string	QR code number
model	NO	string	Device Model
is_online	NO	int	Online

#### Response example

```
{
  "code": 1,
  "data": {
    "total": 1,
    "list": [
      {
        "cabinet_id": "CT054200601018",
        "qrcode": "CT05420060111",
        "is_online": 1,
        "model": "pm8",
        "mode": 1,

```



```

        "heart_time": 1724663367,
        "return_num": 0,
        "borrow_num": 7,
        "ip": "113.87.50.84"
    }
],
    "online_num": 1,
    "offline_num": 0
},
    "msg": "cabinet list"
}

```

#### \*Response parameter description

Parameter name	Type	Description
total	int	Total amount of data
cabinet_id	string	Cabinet No.
qrcode	string	QR code number
is_online	int	Online or not 1: Online 0: Offline
model	string	Device Type
heart_time	time	Heartbeat timestamp
return_num	int	Returnable quantity
borrow_num	int	Number of rentals
ip	string	Device IP address
online_num	int	Online quantity
offline_num	int	Offline quantity

#### Remark

- Whether the device is online needs to be analyzed in combination with is\_online and heart\_time data.

## 2.6、Battery List

[TOC]

#### Brief Description

- Battery List Data

#### Request URL

- /equipment/batteryList?page=1

#### Request method

- GET

#### Parameter

Parameter name	Required	Type	Description
device_id	NO	string	Battery ID
page_size	NO	int	lines per page, default 20

### Reponse example

```
{
  "code": 1,
  "data": {
    "total": 9,
    "list": [
      {
        "device_id": "LC2405010004",
        "create_time": 1724488660
      },
      {
        "device_id": "LC2304070212",
        "create_time": 1724483800
      },
      {
        "device_id": "LC2404189999",
        "create_time": 1724061416
      },
      {
        "device_id": "LC2305248302",
        "create_time": 1718443657
      },
      {
        "device_id": "LC2302270310",
        "create_time": 1718443657
      },
      {
        "device_id": "LC2309140580",
        "create_time": 1718432682
      },
      {
        "device_id": "LC2308423283",
        "create_time": 1718432682
      },
      {
        "device_id": "LC2308120616",
        "create_time": 1718432682
      },
      {
        "device_id": "FK1312050100",
        "create_time": 1718432682
      }
    ]
  },
  "msg": "acquire success"
}
```

### Response parameter description

Parameter name	Type	Description
device_id	string	Battery ID
create_time	int	Timestamp Battery registration time

total	int	Total amount of data
-------	-----	----------------------

## 2.7、Issue instructions

[TOC]

### Brief Description

- send command

### Requst URL

- /equipment/operate

### Request method

- POST

### Parameter

Parameter name	Required	Type	Description
cabinet_id	YES	string	Cabinet No.
type	YES	string	Command See below for details
lock_id	NO	int	lock id
order_no	NO	int	order number Maximum 50 characters

lock\_id Request the current cabinet power bank information  
acquisition lock

### Response ID

```
//重启
{
  "code": 1,
  "msg": "commend sent"
}

//弹出
{
  "code": 1,
  "msg": "lock slot1 Pop up successfully"
}

//租借
{
  "code": 1,
  "data": {
    "msg": "rental successfully",
    "battery_id": "LC2405010004",
    "lock_id": "1",
    "code": 1
  },
  "msg": "rental successfully"
```

```
}
```

#### Response parameter description

Parameter name	Type	Description
battery_id	string	battery id
lock_id	int	slot

#### type description

重启:restart 租借:borrowlock\_id、 order\_no Required 全部弹出:openAll 弹出:open lock\_id Required

## 2.8、Get current power bank information

[TOC]

#### Brief Description

- Get the power bank information of current cabinet

#### Request URL

- /equipment/detail

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
cabinet_id	YES	string	Cabinet No.

#### Reponse examples

```
{
  "code": 1,
  "data": {
    "cabinet_id": "CT054200601018",
    "is_online": 1,
    "signal": 7,
    "device": [
      {
        "bid": "LC2405010004",
        "power": 100,
        "lock": 1,
        "quick_charge" : 0
      },
      {
        "bid": "",

```

```

        "power": "",
        "lock": 2,
        "quick_charge": 0
    },
    {
        "bid": "LC2304070212",
        "power": 100,
        "lock": 3,
        "quick_charge": 0
    },
    {
        "bid": "LC2308423283",
        "power": 100,
        "lock": 4,
        "quick_charge": 0
    },
    {
        "bid": "LC2404189999",
        "power": 100,
        "lock": 5,
        "quick_charge": 1
    },
    {
        "bid": "FK1312050100",
        "power": 100,
        "lock": 6,
        "quick_charge": 0
    },
    {
        "bid": "LC2308120616",
        "power": 100,
        "lock": 7,
        "quick_charge": 0
    },
    {
        "bid": "LC2309140580",
        "power": 100,
        "lock": 8,
        "quick_charge": 0
    }
    ]
    },
    "msg": "Cabinet details"
}

```

#### Response parameter description

Parameter name	Type	Description
cabinet_id	string	Cabinet No.
is_online	int	1:Online 0:offline
signal	int	Signal value
bid	string	battery id
power	int	power level
lock	int	lock
quick_charge	int	1:quick charge 0:normal charge

#### Remarks

- When it is 0, other information has no reference value and can be discarded.

## 3、Screen Management

### 3.1、AD Material

#### 3.1.1、Add AD material

[TOC]

##### Brief Description

- Add AD material

##### Request URL

- /screenadv/addMaterial

##### Request Method

- POST

##### Parameter

Parameter name	Required	Type	Description
name	NO	string	Material Name
path	YES	string	file access address need to be https
type	YES	string	file type image/video

##### Response example

```
{
  "code": 1,
  "data": {
    "id": "2"
  },
  "msg": "Operation Succeed"
}
```

##### Response parameter description

Parameter name	Type	Description
id	int	file id

#### 3.1.2、Delete AD Material

[TOC]

#### Brief Description

- Delete AD material

#### Request URL

- /screenadv/deleteMaterial

#### Request Method

- POST

#### Parameter

Parameter name	Type	Description
id	YES	int file id

#### Response examples

```
{
  "code": 1,
  "msg": "Operation Succeed"
}
```

### 3.1.3、Material List

[TOC]

#### Brief Description

- Get material list

#### Request URL

- /screenadv/materialList?page=1

#### Request Method

- POST

#### Parameters

Parameter name	Required	Type	Description
type	NO	string	material type image/vedio
name	NO	string	material name
page_size	NO	int	display lines per page, default value 20

#### Response example

```

{
  "code": 1,
  "data": {
    "total": 1,
    "list": [
      {
        "id": 1,
        "name": "123",
        "type": "image",
        "file": "https://baidu.com/image/123.jpg",
        "seconds": 0,
        "create_time": 1724729679
      }
    ]
  },
  "msg": "acquire success"
}

```

#### Response parameter description

Parameter name	Required	Type	Description
total	int	total quantity	
id	int	material id	
name	string	Material Name	
type	string	image vedio	
file	string	file address	
seconds	int	Material residence time Unit: seconds	

## 3.2、 AD Group

### 3.2.1、 Add AD group

[TOC]

#### Brief Description

- Add advertising groups and put materials into a group for advertising display

#### Request URL

- /screenadv/addGroup

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
name	YES	string	Group Name



details	YES	json	Material Information
---------	-----	------	----------------------

### Response examples

```
{
  "code": 1,
  "data": {
    "id": "3"
  },
  "msg": "Operation Succeed"
}
```

### Response Parameter Description

Parameter name	Type	Description
id	int	group id

### Details analysis

Customize the grouping materials, and request the interface after converting multiple groups of data to json. For example:

```
[{"material_id":1,"sort":1,"time":3}, {"material_id":2,"sort":2,"time":3}]
```

Parameter name	Type	Description
material_id	int	material ID
sort	int	sequence
time	int	stay time

## 3.2.2、Modify Group

[TOC]

### Brief Description

- Modify group information

### Request URL

- /screenadv/editGroup

### Request Method

- POST

### Parameter

Parameter name	Required	Type	Description
----------------	----------	------	-------------

id	YES	int	Group id
name	YES	string	Group name
details	YES	json	Material Information

#### Response example

```
{
  "code": 1,
  "msg": "Operation Succeed"
}
```

#### details description

Custom grouping materials, multiple groups of data converted to json and then request interface such as:  
[{"material\_id":1,"sort":1,"time":3}, {"material\_id":2,"sort":2,"time":3}]

Parameter name	Type	Description
material_id	int	material id
sort	int	sequence
time	int	stay time

### 3.2.3、Delete AD group

[TOC]

#### Brief Description

- Delete AD group

#### Request URL

- /screenadv/deleteGroup

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
id	YES	int	group id

#### Response example

```
{
  "code": 1,
  "msg": "Operation Succeed"
}
```

### 3.2.4、Group Information

[TOC]

#### Brief Description

- Get ad group details

#### Request URL

- /screenadv/groupDetail

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
id	YES	int	Group id

#### Response Example

```
{
  "code": 1,
  "data": {
    "id": 1,
    "group_name": "test",
    "details": [
      {
        "material_id": 1,
        "sort": 1,
        "time": 3,
        "name": "123",
        "type": "image",
        "file": "https://baidu.com/image/123.jpg"
      },
      {
        "material_id": 2,
        "sort": 2,
        "time": 3,
        "name": "123",
        "type": "image",
        "file": "https://baidu.com/image/123.jpg"
      }
    ],
    "create_time": 1724741368
  },
  "msg": "acquire success"
}
```

#### Response parameter description

Parameter name	Type	Description
----------------	------	-------------

id	int	group id
group_name	string	group name
material_id	int	material id
sort	int	sequence
time	int	Advertisement display stay time, Unit: seconds
type	string	image/video
file	string	material address
create_time	int	Added time Timestamp

### 3.2.5、Group List

[TOC]

#### Brief Description

- Get group list

#### Request URL

- /screenadv/groupList?page=1

#### Request Method

- GET/POST

#### Parameter

Parameter name	Required	Type	Description
page_size	NO	int	Number of items displayed per page Default 20
name	NO	string	AD plan name

#### Response example

```
{
  "code": 1,
  "data": {
    "total": 3,
    "list": [
      {
        "id": 3,
        "group_name": "test plan",
        "details": [
          {
            "material_id": 1,
            "sort": 1,
            "time": 3
          },
          {
            "material_id": 2,
            "sort": 2,
            "time": 3
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "create_time": 1724744325
  },
  {
    "id": 2,
    "group_name": "test plan",
    "details": [
      {
        "material_id": 1,
        "sort": 1,
        "time": 3
      },
      {
        "material_id": 2,
        "sort": 2,
        "time": 3
      }
    ]
  },
  "create_time": 1724744178
},
{
  "id": 1,
  "group_name": "test plan 1",
  "details": [
    {
      "material_id": 1,
      "sort": 1,
      "time": 3
    },
    {
      "material_id": 2,
      "sort": 2,
      "time": 3
    }
  ]
},
"create_time": 1724741368
}
]
},
"msg": "acquire success"
}

```

#### Response parameter description

Parameter name	Type	Description
total	int	total quantity
id	int	group id
group_name	string	group name
material_id	int	material id
sort	int	sequence
time	int	Advertisement display stay time Unit: seconds

## 3.3、AD Plan

### 3.3.1、Add a plan

[TOC]

### Brief Description

- Add advertising plans, combine multiple advertising groups, multiple cabinet numbers, and flexibly place advertisements

### Request URL

- /screenadv/addPlan

### Request Method

- POST

### Parameter

Parameter name	Required	Type	Description
plan_name	YES	string	Program Name
start_date	YES	date	Start Date Y-m-d
end_date	YES	date	End Date Y-m-d
details	YES	json	Ad Grouping
equipment_group	YES	string	Cabinet No.

### Reply example

```
{
  "code": 1,
  "data": {
    "id": "4"
  },
  "msg": "Operation Succeed"
}
```

### Response parameter description

Parameter name	Type	Description
id	int	AD plan id

### details analysis

Customize advertising grouping, convert multiple groups of data to json and request interface for example:  
[{"start\_hour":0,"start\_minute":0,"end\_hour":23,"end\_minute":59,"group\_id":1}, {"start\_hour":0,"start\_minute":0,"end\_hour":23,"end\_minute":59,"group\_id":2}]

Parameter name	Type	Description
start_hour	int	Start time Hours
start_minute	int	Start time Minutes

end_hour	int	End time Hours
end_minute	int	End time Minutes
group_id	int	group id

### equipment\_group analysis

Customized cabinet placement, multiple sets of data concatenated with commas for example: GT12345679,CT12345679,GT456784512

### 3.3.2、Modify the plan

[TOC]

#### Brief Description

- Modify advertising plan

#### Request URL

- /screenadv/editPlan

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
id	YES	int	plan id
plan_name	YES	string	plan name
start_date	YES	date	start time Y-m-d
end_date	YES	date	end time Y-m-d
details	YES	json	plan group
equipment_group	YES	string	Cabinet No.

#### Response example

```
{
  "code": 1,
  "msg": "modify succeed"
}
```

#### details analysis

Customize advertising grouping, convert multiple groups of data to json and request interface for example:  
 [{"start\_hour":0,"start\_minute":0,"end\_hour":23,"end\_minute":59,"group\_id":1}, {"start\_hour":0,"start\_minute":0,"end\_hour":23,"end\_minute":59,"group\_id":2}]

Parameter name	Type	Description
start_hour	int	Start time Hours
start_minute	int	Start time Minutes
end_hour	int	End time Hours
end_minute	int	End time Minutes
group_id	int	group id

#### equipment\_group description

Customized cabinet placement, multiple sets of data concatenated with commas for example: GT12345679,CT12345679,GT456784512

### 3.3.3、Delete a plan

[TOC]

#### Brief Description

- Remove Ads Program

#### Request URL

- /screenadv/deletePlan

#### Request method

- POST

#### Parameter

Parameter name	Required	Type	Description
id	YES	int	plan id

#### Response example

```
{
  "code": 1,
  "msg": "delete succeed"
}
```

### 3.3.4、Plan Information

[TOC]

#### Brief Description

- Get advertising plan details

#### Request URL



- /screenadv/plandetail

#### Request Method

- POST

#### Parameter

Parameter name	Required	Type	Description
id	YES	int	AD plan id

#### Response example

```
{
  "code": 1,
  "data": {
    "id": 3,
    "plan_name": "test plan 1",
    "start_date": "2024-09-30",
    "end_date": "2024-09-30",
    "details": [
      {
        "group_id": 1,
        "group_name": "test plan 1",
        "start_hour": 1,
        "start_minute": 0,
        "end_hour": 4,
        "end_minute": 59
      },
      {
        "group_id": 2,
        "group_name": "test plan",
        "start_hour": 5,
        "start_minute": 0,
        "end_hour": 23,
        "end_minute": 59
      }
    ],
    "create_time": 1724753635,
    "equipment_group": [
      "CT054200601018"
    ]
  },
  "msg": "acquire success"
}
```

#### Response parameter description

Parameter name	Type	Description
id	int	plan id
plan_name	string	Plan Name
start_date	date	start date
end_date	date	end date
group_id	int	paln group id
group_name	string	Ad Group Name

start_hour	string	start hour
start_minute	string	start mins
end_hour	string	end hour
end_minute	string	end min
device	object	Cabinet No.
create_time	int	Timestamp Creation time

### 3.3.5、Plan List

[TOC]

#### Brief Description

- AD plan list

#### Request URL

- /screenadv/planList?page=1

#### Request Method

- GET/POST

#### Parameter

Parameter name	Required	Type	Description
name	NO	string	Plan Name

#### Response example

```
{
  "code": 1,
  "data": {
    "total": 1,
    "list": [
      {
        "id": 3,
        "plan_name": "test plan 1",
        "start_date": "2024-09-30",
        "end_date": "2024-09-30",
        "details": [
          {
            "group_id": 1,
            "group_name": "test plan 1",
            "start_hour": "01",
            "start_minute": "00",
            "end_hour": "04",
            "end_minute": 59
          },
          {
            "group_id": 2,
            "group_name": "test plan",
            "start_hour": "05",
```

```
        "start_minute": "00",
        "end_hour": 23,
        "end_minute": 59
    },
    ],
    "create_time": 1724753635,
    "equipment_group": [
        "CT054200601018"
    ]
},
],
},
"msg": "acquire success"
}
```

Response parameter description

Parameter name	Type	Description
total	int	Total quantity
id	int	plan id
plan_name	string	plan name
start_date	date	start date
end_date	date	end date
group_id	int	plan group id
group_name	string	plan group name
start_hour	string	start hour
start_minute	string	start mins
end_hour	string	end hour
end_minute	string	end mins
device	object	Cabinet No.

# 4、System Settings

## 4.1、Get system configuration

[TOC]

Brief Description

- Get system configuration

Request URL

- /set/info

Requst Method

- POST

## Parameter

Parameter name	Required	Type	Description
type	YES	string	Get Type

## Response examples

```
{
  "code": 1,
  "data": {
    "battery_power": "79"
  },
  "msg": "battery power percentage"
}
```

## Response example of screen default image

```
{
  "code": 1,
  "data": {
    "screen_default": {
      "default_vertical": "https://litapower.w-dian.cn/uploads/202401/17050276819368.jpg",
      "default_bottom": "https://app.w-dian.cn/uploads/9.jpg",
      "rent_success_vertical": "https://charge8-dev.w-dian.cn/uploads/202304/16819745416947.png",
      "rent_fail_vertical": "https://charge8-dev.w-dian.cn/uploads/202304/16819745483663.png",
      "back_success_vertical": "https://litapower.w-dian.cn/uploads/202402/17090867636933.png",
      "back_fail_vertical": "https://charge8-dev.w-dian.cn/uploads/202304/16819745619159.png",
      "default_cross": "https://app.w-dian.cn/uploads/8.png",
      "default_left_cross": "https://app.w-dian.cn/uploads/8.png"
    }
  },
  "msg": "default screen picture"
}
```

## type explanation

Value	Type	Description
battery_power	string	Get the minimum power bank capacity that can be borrowed in the current system settings
screen_default	string	Get the default advertising image configuration of the screen cabinet
webhook	string	Get the system power bank return push address
qrcode_color	string	Get the system QR code background color

## Response parameter description

Parameter name	Type	Description
msg	string	Explain the meaning of data
default_vertical	string	Default advertising image of large cabinet

default_bottom	string	Default bottom image of large cabinet
rent_success_vertical	string	Lease Success Picture
rent_fail_vertical	string	Failed Rental picture
back_success_vertical	string	Return Success Picture
back_fail_vertical	string	Failed Rental picture
default_cross	string	default advertising pictures for 8 slot machine
default_left_cross	string	default left image for 8 slot machine

## 4.2、System Settings

[TOC]

### Brief Description

- System Settings

### Request URL

- /set/save

### Request Method

- POST

### Required parameters

Parameter name	Required	Type	Description
type	YES	string	TYPE

### type description

Value	Type	Description
battery_power	string	Get the minimum power bank capacity that can be borrowed in the current system settings
screen_default	string	Get the default advertising image configuration of the screen cabinet
webhook	string	Get the system power bank return push address
qrcode_color	string	Get the system QR code background color

### type:battery\_power

Parameter name	Required	Type	Description
battery_power	YES	int	Mini lease power level, max value is 100

### type:webhook

Parameter name	Required	Type	Description
webhook	YES	string	webhook https formart

**type:qrColor**

Parameter name	Required	Type	Description
qrColor	YES	string	Six-digit hexadecimal color code, such as:#000000

**type:screen\_default**

Image address https format

Parameter name	Required	Type	Description
default_vertical	YES	string	Large cabinet default advertising image
default_bottom	YES	string	Default bottom image of large cabinet
rent_success_vertical	YES	string	Lease Success Picture
rent_fail_vertical	YES	string	Failed rental chart
back_success_vertical	YES	string	Return Success Picture
back_fail_vertical	YES	string	Ruturn failed picture
default_cross	YES	string	default advertising pictures of 8 slot
default_left_cross	YES	string	default advertising left pictures of 8 slot

**Response examples**

```
{
  "code": 1,
  "msg": "update completed"
}
```