

BatterX Local API

GET `CurrentState`

http://YOUR_IP_ADDRESS/api.php?get=currentState

Returns JSON Object

```
{
  type: {
    entity: {
      type: ...,
      entity: ...,
      entityvalue: ...,
      logtime: ...
    },
    ...
  },
  ...
}
```

http://YOUR_IP_ADDRESS/api.php?get=currentState&type=273&entity=1

Returns Single Value

Parameters

Types and Entities for all data are documented in the [batterX ID Protocol](#)

GET `EnergyData`

http://YOUR_IP_ADDRESS/api.php?get=energyData&type=20170613,20170614,...&entity=10

Returns String (Energy for selected days) (Unit: Wh)

25360, 32538, ...

http://YOUR_IP_ADDRESS/api.php?get=energyData&type=201706,201707,...&entity=10

Returns String (Energy Sum for selected months) (Unit: Wh)

256032, 297436, ...

http://YOUR_IP_ADDRESS/api.php?get=energyData&type=2017,2018,...&entity=10

Returns String (Energy Sum for selected years) (Unit: Wh)

958062, 1674365, ...

http://YOUR_IP_ADDRESS/api.php?get=energyData&entity=60

Returns Integer (Energy Sum of all days with selected entity) (Unit: Wh)

Parameters

type => Array of requested days/months/years, formatted as YYYYMMDD
 Days as YYYYMMDD Months as YYYYMM Years as YYYY

entity => Energy Data Type (documented in the [batterX ID Protocol](#))

60 = Solar Produced	50 = Load Consumed	61 = Solar to Load
11 = Grid (In)	41 = Battery (In)	
10 = Grid (Out)	40 = Battery (Out)	

GET `PowerData`

http://YOUR_IP_ADDRESS/api.php?get=powerData&type=20170613,20140614,...&entity=10

Returns String

1 2 3 4 5 6 7 8 9 ... 96, 1 2 3 4 5 6 7 8 9 ... 96, ...

Parameters

type => Array of requested days, formatted as YYYYMMDD
YYYYMMDD,YYYYMMDD,...

entity => Energy Data Type (documented in the batterX ID Protocol)

60 = Solar Produced 50 = Load Consumed 61 = Solar to Load

11 = Grid (In) 41 = Battery (In)

10 = Grid (Out) 40 = Battery (Out)

GET `WarningsData`

http://YOUR_IP_ADDRESS/api.php?get=warningsData&count=5

Returns JSON Array

```
[
  {
    id: ...,
    type: ...,
    entity: ...,
    entityvalue: ...,
    logtime: ...
  },
  ...
]
```

Parameters

count	=> Number of rows to be returned
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SET Switch ON/OFF/TOGGLE

http://YOUR_IP_ADDRESS/api.php?set=switch2&state=1

Returns

On Success: '1'
On Failure: ''

Parameters

set => Switch Identifier
switch1 | switch2 | switch3 | switch4

state => Switch State 0 | 1 | 2
0 = OFF
1 = ON
2 = TOGGLE

Release History

v18.1.29

- Added option to get total energy per month/s or year/s
- CurrentState and WarningsData do not return double values anymore

v18.1.11

- Added option to get the sum of all rows with same entity from the EnergyData Table, in Wh

v18.1.10

- User is able to control the four software switches (*Software v18.1.1+*)
- Added option to get single value from the CurrentState Table

Initial Version

- User can query data from the CurrentState, EnergyData, PowerData and WarningsData Tables using simple HTTP/GET requests