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=20170613,20140614,...&entity=10

Returns String

25360, 32538, ...

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

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

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
```

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

__v18.1.11__
- 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