
PrimeSTG Documentation

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PrimeSTG

Python library of Prime STG-DC Interface Specification

Read the documentation at <http://primestg.readthedocs.org>

```
from primestg.report import Report

# xml is a basestring with a filename or a file object with the report
report = Report(xml)

# get all values of the report
values = report.values

# get the values of first concentrator
values = report.concentrators[1].values

# get the values of second meter of the first concentrator
values = report.concentrators[1].meters[2].values

# get the first value set of second meter of the first concentrator
values = report.concentrators[1].meters[2].measures[1].values

# get the parameters of the first concentrator from report S12
values = report.concentrators[1].parameters[1].values
```


2.1 `primestg.message`

class `primestg.message.BaseMessage` (*xml*)
Base XML message.

`__init__` (*xml*)
Create an object of BaseMessage.

Parameters **`xml`** – a file object or a string with the XML

Returns an instance of BaseMessage

`__weakref__`
list of weak references to the object (if defined)

`objectified`
The XML objectified

Returns the XML objectified

class `primestg.message.MessageS` (*xml*)
Message class for reports.

2.2 `primestg.report`

Indices and tables

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