**Wind Speed**

Wind speed unit is m/s

Sensor type - Thies Anemometer Compact

sensor\_height=4

formula\_params=C1 var\_period var\_offset var\_slope

var\_offset=0.660000

var\_slope=0.075200

var\_period=1.000000

**Wind direction**

unit=Â°

sensor\_height=4

sensor\_type=wind\_vane

sensor\_model=Thies Wind Vane 10 Bits Serial Synchron

formula=windvane\_dig

formula\_params=D1 var\_offset var\_slope

var\_offset=0.000000

var\_slope=0.351562

**Humidity**

unit=%

sensor\_height=3

sensor\_type=hygro\_thermo

sensor\_model=Galltec Thermo-Hygro Active KP

formula=linear

formula\_params=A3 var\_offset var\_slope

var\_offset=0.000000

var\_slope=100.000000

**Temperature**

unit=Â°C

sensor\_height=3

sensor\_type=hygro\_thermo

sensor\_model=Galltec Thermo-Hygro Active KP

formula=linear

formula\_params=A2 var\_offset var\_slope

var\_offset=-30.000000

var\_slope=100.000000

**Pressure**

unit=mbar

sensor\_label=Barometer

sensor\_height=2

sensor\_type=barometer

sensor\_model=Barometric Pressure Sensor AB60

formula=linear

formula\_params=A1 var\_offset var\_slope

var\_offset=800.000000

var\_slope=60.000000

**Diffused;solar\_irradiance**

unit=W/m²

sensor\_height=3

sensor\_type=pyranometer

sensor\_model=Pyranometer CMP11

formula=linear\_pyr

formula\_params=A5 var\_sensitivity

var\_sensitivity=7.890000

**Global;solar\_irradiance**

unit=W/mÂ²

sensor\_height=3

sensor\_type=pyranometer

sensor\_model=Pyranometer CMP11

formula=linear\_pyr

formula\_params=A6 var\_sensitivity

var\_sensitivity=7.660000

**Silicon;voltage**

unit=V

sensor\_height=3

sensor\_type=other

sensor\_model=Analog Voltage

formula=linear

formula\_params=A4 var\_offset var\_slope

var\_offset=0.000000

var\_slope=1.000000

Silicon irradiance sensor

Silicon Irradiance Sensor - Build as solar module - easily comparable to energy yield and system performance of PV systems.

Build as solar module - easily comparable to energy yield and system performance of PV systems