



Key features:

- weather station "Made in Germany"
- wall/ rack mounted outdoor enclosure IP66
- windspeed-, irradiation- and temperature measurement
- allows for detailed energy yield prediction

General

Type Wall/ rack mounted meteo.boxx with panel-construction for sensors
 Mounting Sensor adaptors + Aluminium frame for rack mounting
 Operating temperature -35 °C up to +60 °C

Sensors

Temperature measurement 1x self-adhesive surface temperature sensor Pt1000/ Pt100 4-wire
 1x ambient temperature sensor Pt1000/Pt100 4-wire
 Irradiation measurement 1x horizontal plane pyranometer secondary standard Kipp&Zonen SMP10-V (10m cable)
 1x module plane pyranometer secondary standard Kipp&Zonen SMP10-V (10m cable)
 Windspeed measurement 1x anemometer 0.4 ... 50m/s, +- 2% FS at 50m/s

Sensor housing 1x weather and thermal radiation shield for ambient temperature sensor

DAQ

Central unit 2x meteo.boxx 06 with IP66 housing – 341x291x128mm
 Connectivity Terminal clamps for Pt1000/100 sensors
 1x RS485 COM input terminal (for pyranometer etc.) with 5V SPD
 2x RS485 COM output terminal (connection to monitoring system)
 Cable entry 2x M25, 4x M20 cable glands
 Power supply 24VDC via com-cable

