



Weather Station



Technical Details

Value	Range	Resolution	Accuracy
Solar Radiation	0 - 1750 W/m ²	1 W/m ²	+/- 5 %
Precipitation	0 - 400 mm/h	0.017 mm	+/- 5 %
Relative Humidity (RH)	0 - 100 % RH	0.1% RH	+/- 1.5 % RH
Air Temperature	-50 to 60 °C	0.10 °C	+/- 0.60 °C
Humidity Sensor Temperature	-40 to 50 °C	0.10 °C	+/- 1.0 °C
Vapor Pressure	0 - 47 kPa	0.01 kPa	+/- 0.2 kPa
Barometric Pressure	1 - 120 kPa	0.01 kPa	+/- 0.05 kPa at 25 °C
Horizontal Wind Speed	0 - 30 m/s	0.01 m/s	The greater of 0.3 m/s or 3% of measurement
Wind Gust	0 - 30 m/s	0.01 m/s	The greater of 0.3 m/s or 3% of measurement
Wind Direction	0 - 359 °	1 °	+/- 5 °
Tilt	-90° to 90°	0.1°	+/- 1 °
Lightning Strike Count	0 - 65,535 strikes	1 strike	Variable
Lightning Average Distance	0 - 40 km	3 km	Variable
Cable Length	5 meter	-	-

