SUNGROW

Meteo Station

Simple and Efficient

• Monitoring data can be transferred to iSolarCloud and Insight
• Detailed weather information is displayed on the web interface

Smart and Flexible

• High integration, small size
• Easy installation and supporting external AC/DC or solar power supply

Safe and Reliable

• High protection class, IP65

Communication

Inverter communication	RS485

Max.Communication Range

RS485	<1000 m

Power Supply

Input voltage(DC)	12V
Input voltage(AC)	220V

Ambient Parameters

Operating Temperature	-40℃ to +80℃
Storage Temperature	-50℃ to +80℃
Relative humidity	≤ 100 %(non-condensing)
Protection class	IP65

Temperature Sensor

Working Temperature	-40℃ to +80℃
Accuracy	≤5%

Wind Speed Sensor

Start-up wind speed	≤0.5 m/s	Sensor range	0-70 m/s
Accuracy	±0.3 m/s	Resolution	0.1 m/s

Wind Direction Sensor

Start-up wind speed	≤0.5 m/s	Sensor range	0-360°
Accuracy	±3°	Resolution	1°

Solar Radiation Sensor

Output range	0-2000 W/m²	Spectral region	280-3000nm
Accuracy	≤5%	Resolution	1 W/m²

General Data

Dimension (W*H)	1.2m*2.2m
Weight	15 kg
Man-Machine Interaction	WEB PP
Language	Chinese, English