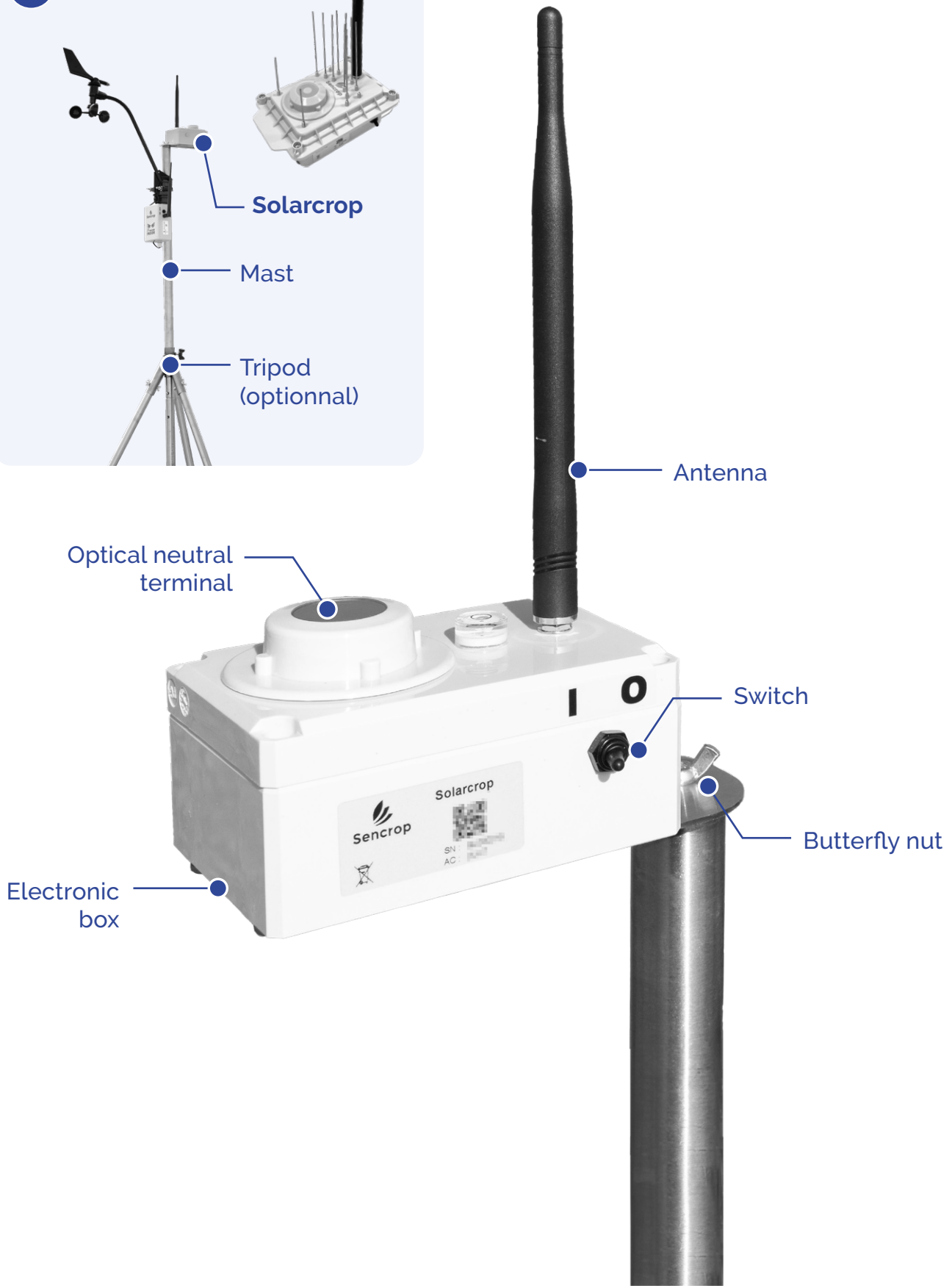
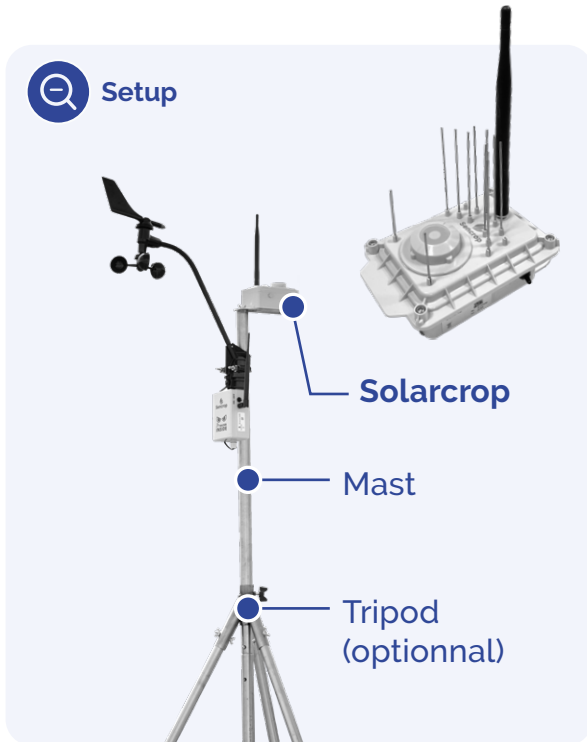


Solar irradiance sensor



Specifications

Measurements	
Principle of operation	Si-Pyranometer
Operating temperature range	-20/+60°C
Measurement range	0 - 2000 W/m ² 380 - 1070 nm
Accuracy	±2% - 20 W/m ² (The biggest)
Resolution	1 W/m ²
Mechanical characteristics	
Mast	
Material	Stainless steel SS304
Dimensions	Length 170 cm ; Diameter 30 mm
Weight	3 kg
General	
Battery	
Battery	Lithium-Thionyl Chloride - capacity 19Ah - 3.6V
Temperature range	-60 °C to +85 °C
Other sensors	
Accelerometer	
GPS	
Communication	
Network	Sigfox (868 MHz)
Data transmission period	Every 20 minutes

