

MODEL SELECTION TABLE

Sensor Box Model	Irradiance Sensor	Cell Temperature Sensor	Connections: The following external sensors can be connected to the sensor box	Communication / Protocol
3S-IS-T-V	✓	✓	NA	0-1,5V
3S-IS-T-I	✓	✓	NA	4-20 mA
3S-IS-LR	✓	✗	NA	RS485 - Modbus RTU
3S-IS	✓	✓	NA	RS485 - Modbus RTU
3S-IS-1	✓	✓	Module Temperature Sensor (3S-MT-PT1000) or Ambient Temperature Sensor (3S-AT-PT1000)	RS485 - Modbus RTU
3S-IS-2	✓	✓	Module Temperature Sensor (3S-MT-PT1000) or Ambient Temperature Sensor(3S-AT-PT1000) + Wind Speed Sensor (3S-WS-PLS)	RS485 - Modbus RTU
3S-IS-2T	✓	✓	Module Temperature Sensor (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000)	RS485 - Modbus RTU
3S-IS-3	✓	✓	Module Temperature Sensor (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000) + Wind Speed Sensor (3S-WS-PLS)	RS485 - Modbus RTU
3S-IS-4	✓	✓	Module Temperature Sensor (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000) + Wind Speed Sensor (3S-WS-PLS) + Wind Direction Sensor (3S-WD) or Relative Humidity & Ambient Temperature Sensor (3S-RH & AT)	RS485 - Modbus RTU
3S-IS-5	✓	✓	Module Temperature Sensors (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000) + Wind Speed Sensor (3S-WS-PLS) + Wind Direction Sensor (3S-WD) + Relative Humidity & Ambient Temperature Sensor (3S-RH & AT)	RS485 - Modbus RTU
3S-2IS	✓	✓	Irradiance Sensor (3S-IS-mV) + 2 pcs. Module Temperature Sensor (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000) + Wind Speed Sensor (3S-WS-PLS)	RS485 - Modbus RTU
3S-4IS	✓	✓	4 pcs. Module Temperature Sensor (3S-MT-PT1000) + Ambient Temperature Sensor (3S-AT-PT1000) + Wind Direction Sensor (3S-WD) + Wind Speed Sensor (3S-WS-PLS)	RS485 - Modbus RTU
3S-CWS	✓	✓	Irradiance Sensor (3S-IS-mV) Module Temperature Sensor (3S-MT-PT1000) Relative Humidity & Ambient Temperature Sensor (3S-RH & AT) Wind Speed Sensor (3S-WS-PLS) Wind Direction Sensor(3S-WD) Rain Gauge (3S-RG-PLS) Air Pressure Sensor	RS485 - Modbus RTU
3S-C2-2	✗	✗	2 Sensors can be connected	RS485 - Modbus RTU
3S-C2-3	✗	✗	3 Sensors can be connected	RS485 - Modbus RTU
3S-C2-4	✗	✗	4 Sensors can be connected	RS485 - Modbus RTU
3S-C2-5	✗	✗	5 Sensors can be connected	RS485 - Modbus RTU
3S-C2-6	✗	✗	6 Sensors can be connected	RS485 - Modbus RTU