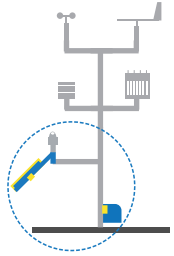


SOILING MEASUREMENT KIT | OTHER SOLAR

Sensor Model	PV pannels & Temperatures	Kintech AMPVAR* Kintech Colors			Orbit 360			EOL Zenith	
					Section	Terminal	Type	Section	Type
PV soil (-)	A	G	GND	Frequency Channels	1 4 7 10 13 16 19 22 25 28	(-)	Anemometer Inputs	- -	
PV soil (+)	B	E	Isc soil	Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Analog Inputs	1 2 3 4 5	
PV clean (-)	C	F	Isc clean	Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Extra Analog	1 2 3 4 5 6 7 8	
PV clean (+)	D	H	Vcc	Frequency Channels	3 6 9 12 15 18 21 24 27 30	5V	Anemometer Inputs	5V 5V	
Temp soil (-)				Analog Channels	47 51 55 59 64 68 72 76 80 87	(-)	Analog Inputs	- -	
Temp soil signal				Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Analog Inputs	1 2 3 4 5	
Temp soil (+)				Analog Channels	50 54 58 62	*5V	Extra Analog	1 2 3 4 5 6 7 8	
Temp clean (-)				Analog Channels	47 51 55 59 64 68 72 76 80 87	(-)	Analog Inputs	- -	
Temp clean signal				Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Analog Inputs	1 2 3 4 5	
Temp clean (+)				Analog Channels	50 54 58 62	*5V	Extra Analog	1 2 3 4 5 6 7 8	



Note: *5V, $\oplus \oplus$ = Pulsating 5V with current limited (4mA). Only 1 sensor must be powered.

HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section and select the following type and model:

- Group: Analog channels
- Sensor Type: Voltage
- Sensor Model: **VOLTS**
Isc soil & *Isc clean*
Slope: 200
Offset: 0
- Sensor Type: Temperature
- Sensor Model: **K307**
Temp soil & *Temp clean*
Slope: 100
Offset: -60

HOW TO CONFIGURE IN EOL MANAGER

Open EOL Manager and go to the data logger you are working on. Open the “inputs” tab and select the following type and model:

- Group: Analog Inputs
- Type: Voltmeter
- Model: **Generic Voltmeter**
Isc soil & *Isc clean*
Slope: 200
Offset: 0
- Sensor Type: Temperature
- Sensor Model: **EOL 307**
Temp soil & *Temp clean*
Slope: 100
Offset: -60

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For more information please contact support@kintech-engineering.com or visit our website www.kintech-engineering.com