

## PIKO Inverter Complaint Form

Reporting Person: \_\_\_\_\_ Reporting date: \_\_\_\_\_

Commission: \_\_\_\_\_

### Contact and address

	Installer
Name	
Contact person:	
Street / No:	
ZIP / City	
Phone No:	
E-Mail:	

	Owner / Plant site	Other delivery address
Name		
Contact person:		
Street and No:		
ZIP / City		
Phone No:		
E-Mail:		

Delivery address:  Installer  Owner / Plant site  Other delivery address

### Device and plant information

Inverter type: \_\_\_\_\_ Date of initial start-up: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Inverter connected to PIKO Solar Portal  / Suntrol Portal

Inverter already updated? Yes  No

Current software version: UI Version \_\_\_\_\_ FW Version \_\_\_\_\_

Mounting place (indoor, outdoor, cellar ...) \_\_\_\_\_

Special conditions (Temperature, moisture) \_\_\_\_\_

Is an additional RCD installed? Yes  No

If so, what is the trigger characteristic \_\_\_\_\_ mA Type A  Type B

### Plant layout

	Manufacturer	Module type	Modules per string	Strings per input
Input A				
Input B				
Input C				

**For PIKO 5.5 / 10.1 would it be ok. to use a 2-string inverter?** Yes  No

Are module optimizer (Tigo, Solaredge etc.) installed? Yes  No  type \_\_\_\_\_

### Parallel connection of input A and B:

Bridge in usage? Yes  No  Parallel detection activated?\* Yes  No

\*The parallel connection has to be activated depending on the inverter version with the Software PSD-Tool or in the settings menu of the inverter.

Note: Should an exchange been done based on the information given here, costs may arise according to our warranty conditions.



**Measurements**

Voltages [V]		Display	measured
<b>DC Generator</b>	Input A		
	Input B		
	Input C		
<b>AC Grid</b>	L1		
	L2		
	L3		

Current [Amps]		Display	measured
<b>DC Generator</b>	Input A		
	Input B		
	Input C		
<b>AC Grid</b>	L1		
	L2		
	L3		

<b>Mandatory</b> in case of insulation errors Insulation resistance (Probe Voltage 1000V)			
PV Generator	Input A	Input B	Input C
Measured [MΩ]			

**Behavior of the inverter**

Operating mode at display:

- Starting
- Operating mode off     Idle mode
- Feed-in MPP                 Feed-in regulated
- Event code: \_\_\_\_\_
- Others: \_\_\_\_\_

LED	On	Off	Flashing
green	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
yellow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
red	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Which values are shown at the display?

Values     xxx     000

<b>Event description:</b>	Inverter is feeding in? Yes <input type="checkbox"/> No <input type="checkbox"/>

Event present since \_\_\_\_\_ permanent  sporadic

Does the behavior change after a DC- and AC-restart? Yes  No

(In case of devices of the new generation please disconnect the generator cables too)

**Settings for power limitation**

- Is a ripple control receiver connected? Yes  No
- Power limitation on a fixed level? Yes  No  Limit \_\_\_\_\_
- Dynamic power limitation? Yes  No  Limit \_\_\_\_\_

If dynamic power limitation:

- per setting in the inverter
- external setting (ext. data logger, battery storage) manufacturer/type \_\_\_\_\_

PIKO BA-Sensor connected? Yes  No

Is a battery storage installed? Yes  No  If so, on AC- or DC-side: AC  DC

Manufacturer, type \_\_\_\_\_

Are additional inverter in the plant?  No     Yes, how many \_\_\_\_\_

*Note: Should an exchange been done based on the information given here, costs may arise according to our warranty conditions.*

