

## Self-Declaration NA/EEA

The company

KOSTAL Solar Electric GmbH  
Hanferstraße 6  
79108 Freiburg i. Br., Deutschland

hereby declares, that the inverter

### PIKO CI 100

complies with the following standards/regulations:

- NA/EEA-NE7-CH2020 Typ A
- NA/EEA-NE7-CH2020 Typ B
- NA/EEA-NE3-5-CH2022 Typ B

and are also capable of remaining connected to the network and operate through the sequence of rates-of-change-of-frequencies which are defined by the following time profiles:

Parameters	CH NA/EEA 2020 A2	CH NA/EEA 2020 B2
<b>Rating Voltage(v)</b>	<b>400</b>	<b>400</b>
<b>Rating Frequency(Hz)</b>	<b>50</b>	<b>50</b>
First connect delay time (s)	60	600
Reconnect delay time (s)	60	600
Fist connect power gradient (%/min)	9	9
Reconnect power gradient (%/min)	9	9
<b>Grid Protection</b>		
Frequency High Loss level1 (Hz)	51.5	51.5
Frequency Low Loss level1 (Hz)	47.5	47.5
Voltage High Loss level1 (v)*Un	(1.2Un)	(1.2Un)
Voltage Low Loss level1 (v)*Un	(0.8Un)	(0.8Un)
Frequency High Loss level1 times (ms)	100	100
Frequency Low Loss level1 times (ms)	100	100
Voltage High Loss level1 times (ms)	100	100
Voltage Low Loss level1 times (ms)	1500	1500
Frequency High Loss level2 (Hz)	NA	NA
Frequency Low Loss level2 (Hz)	NA	NA
Voltage High Loss level2 (v)*Un	NA	NA
Voltage Low Loss level2 (v)*Un	(0.45Un)	(0.45Un)
Frequency High Loss level2 times (ms)	NA	NA
Frequency Low Loss level2 times (ms)	NA	NA
Voltage High Loss level2 times (ms)	NA	NA
Voltage Low Loss level2 times (ms)	300	300
10min Moving average Voltage Limit (v)*Un	(1.1Un)	(1.1Un)
<b>First Connect Condition</b>		
Grid First Connection Voltage High Limit (v)*Un	1.1	1.1
Grid First Connection Voltage Low Limit (v)*Un	0.85	0.85



Parameters	CH NA/EEA 2020 A2	CH NA/EEA 2020 B2
Grid First Connection Frequency High Limit (Hz)	50.1	50.1
Grid First Connection Frequency Low Limit (Hz)	47.5	47.5
<b>Reconnect Condition</b>		
Grid Reconnection Voltage High Limit (v)*Un	(1.1Un)	(1.1Un)
Grid Reconnection Voltage Low Limit (v)*Un	(0.85Un)	(0.85Un)
Grid Reconnection Frequency High Limit (Hz)	50.1	50.1
Grid Reconnection Frequency Low Limit (Hz)	47.5	47.5

KOSTAL Solar Electric GmbH – Freiburg, 17.04.2024

  
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This declaration certifies compliance with the harmonisation legislation provisions named, but does not contain any assurance of properties. Observe the safety instructions in the enclosed product documentation!