

Self-Declaration to Greece VDE 0126 Standards

The company

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

hereby confirm, that the inverter

PIKO CI 100

complies with the following standards/regulations:

- Greece VDE 0126 Continent
- Greece VDE 0126 Island.

Parameter	GR_VDE0126_CONTINENT	GR_VDE0126_ISLAND
Rating Voltage(v)	400	400
Rating Frequency(Hz)	50	50
First connect delay time (s)	60	60
Reconnect delay time (s)	180	180
Fist connect power gradient (%/min)	8	8
Reconnect power gradient (%/min)	8	8
Grid Protection		
Frequency High Loss level1 (Hz)	50.5	51.5
Frequency Low Loss level1 (Hz)	49.5	47.5
Voltage High Loss level1 (v)*Un	1.15Un	1.15Un
Voltage Low Loss level1 (v)*Un	0.8Un	0.8Un
Frequency High Loss level1 times (ms)	500	500
Frequency Low Loss level1 times (ms)	500	500
Voltage High Loss level1 times (ms)	500	500
Voltage Low Loss level1 times (ms)	500	500
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	NA	NA
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)	NA	NA
10min Moving average Voltage Limit (v)*Un	1.1Un	1.1Un

Parameter	GR_VDE0126_CONTINENT	GR_VDE0126_ISLAND
First Connect Condition		
Grid First Connection Voltage High Limit (v)*Un	NA	NA
Grid First Connection Voltage Low Limit (v)*Un	NA	NA
Grid First Connection Frequency High Limit (Hz)	NA	NA
Grid First Connection Frequency Low Limit (Hz)	NA	NA
Reconnect Condition		
Grid Reconnection Voltage High Limit (v)*Un	1.095Un	1.095Un
Grid Reconnection Voltage Low Limit (v)*Un	0.85Un	0.85Un
Grid Reconnection Frequency High Limit (Hz)	50.05	50.05
Grid Reconnection Frequency Low Limit (Hz)	49.55	49.55

KOSTAL Solar Electric GmbH – Freiburg, 23.04.2024

KOSTAL
KOSTAL Solar Electric GmbH
Häfenstraße 10
D-79108 Freiburg
Tel.: 0761-47744100
Fax: 0761-47744111

Frank Henn
(Managing Director)

KOSTAL
KOSTAL Solar Electric GmbH
Lange Eck 11 • 50099 Hagen

i.V. Frank Greizer
(Head of Department R&D)