

Self-Declaration

to Mauritius

The company

KOSTAL Solar Electric GmbH
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declare that the following products meet the Grid Code requirements for small-scale distributed generation project (SSDG) in Mauritius.

PIKO MP plus 1.5-1, 2.0-1, 2.5-1, 3.0-1, 3.0-2, 3.6-1, 3.6-2, 4.6-2

Protection Parameter	Trip Setting	Clearance Time	Trip Indication
Over Voltage (230V + 10%)	253 V	0.2 sec	Yes
Over Voltage (230V +6%)	243.8 V	1.5 sec	Yes
Under Voltage (230 V - 6%)	216.2V	1.5 sec	Yes
Over Frequency (50Hz + 2%)	51 Hz	0.5 sec	Yes
Under Frequency (50Hz - 6%)	47 Hz	0.5 sec	Yes
Loss of Mains (df/dt - Vector shift)	0.15 Hz/0.4s	0.4 sec	Yes

The LFSM-O mode, where the active power generated decreases with increasing frequency above a certain threshold, is activated with the following default settings:

Other Parameters	Value
Reconnection Time	at least 3 min
Max. DC Current Injection to Grid	20mA
Rated AC Output Current per phase	<21,7A
Total Harmonics Distortion (Voltage)	0,162%
Total Harmonics Distortion (Current)	1,92%
Surge Withstand Capability	1.5kV
Power Factor (leading & lagging)	0,95

This declaration applies to all identical specimens of the product. This declaration becomes invalid if a change is made to the unit or the unit is improperly installed.

KOSTAL Solar Electric GmbH – Freiburg, 06.11.2019



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