



**BUREAU
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Certificate of Conformity self-generation unit

Manufacturer / applicant: Delta Electronics, Inc.
39, Sec.2, Huandong Road, Shanhua Dist.,
Tainan City 74144,
Taiwan

Type of power generation unit: Grid-tied photovoltaic inverter

Name of PGU:	M80H_xxx M88H_xxx	
	Remark: In the inverter name 'x' can be any number 0 to 9 or letter A to Z or blank	
Active power (nominal power at reference conditions):	66 kW	80 kW
Max. active power (nominal power at reference conditions):	73 kW	88 kW
Rated voltage:	230/400Vac, 3P4W, 50Hz	277/480Vac, 3P4W, 50Hz

Firmware version: DSP: 1.04, 1.10, 1.15, 1.20, 1.25
RED: 1.02, 1.05, 1.10, 1.15, 1.20
COMM: 1.00, 1.05, 1.10, 1.15, 1.20, 1.25

Connection rule: VDE-AR-N 4105:2011-08 – Power generation systems connected to the low-voltage distribution network
Technical minimum requirements for the connection to and parallel operation with low-voltage distribution networks.

Applicable standards / directives: DIN VDE V 0124-100 (VDE V 0124-100): 2012-07 – Grid integration of power generation systems – low voltage
Test requirements for power generation units to be connected and operated parallel with the low-voltage distribution networks

The above mentioned generation units have been tested and certified according to the test guideline VDE 0124-100. The electrical properties required in the connection rule are satisfied.

- Verification of permissible system perturbations
- Verification of the symmetry characteristics of three-phase inverter modules
- Verification of the characteristics of the power generation unit on the network
- Verification of the possibility to take part in the generation management / network security management

The certificate contains the following information:

- Technical specifications of the power generation units, the deployed auxiliary equipment and the software version used.
- Schematic structure of power generation unit
- Summarized information about the characteristics of the power generation unit (mode of operation)

BV project number: PVDE160505C01

Certificate number: U16-0675

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(A partial representation of the certificate requires the written permission of Bureau Veritas Consumer Products Services Germany GmbH)

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065

