

C E R T I F I C A T E
of Conformity



Registration No.: AK 60096647 0001

Report No.: 28106924 001

Holder: Power - One Italy S.p.A.
Via San Giorgio 642
52028 Terranuova Bracciolini AR
Italia

Product: Electrical Equipment
Solar grid tied inverter

Identification: Trademark: ABB
Model: ULTRA-1500-TL-OUTD-Y-CE-690-ABCDE-FGHJKL-ZZZZ
ULTRA-1100-TL-OUTD-Y-CE-690-ABCDE-FGHJKL-ZZZZ
ULTRA-750-TL-OUTD-Y-CE-690-ABCDE-FGHJKL-ZZZZ


where Y and ABCDE-FGHJKL-ZZZZ identify the model configuration as shown in the continuation sheet of this Certificate.


Tested acc. to: EN 62109-2:2011
IEC 62109-2:2011

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 19.09.2014

Certification Body


Marco Piva

A circular blue stamp with the text 'TÜVRheinland LGA Products GmbH' around the top edge and 'Zertifizierungsstelle' around the bottom edge. In the center is the TÜVRheinland logo.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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Continuation sheet 1

MODEL CONFIGURATION FOR ULTRA-X-TL-OUTD-Y-CE-690-ABCDE-FGHJKL-ZZZZ:

Product line	Model (NOTE1)	No isolation transformer	For outdoor use	Power option (NOTE2)	50Hz, CE model	690Vac 3-Phase delta	Standard options (NOTE3)	Standard options (NOTE4)
ULTRA	-X	-TL	-OUTD	-Y	-CE	-690	-ABCDE-FGHJKL	-ZZZZ

NOTE1 – X is a code for model output power, and may be 750 (780 kW), 1100 (1170 kW), or 1500 (1560 kW)

NOTE2 -1 indicates active power = apparent power, standard model. -3 indicates high-efficiency model.

NOTE3 -ABCDE-FGHJKL is a code to identify the list of option. See STANDARD OPTION table for more information.

NOTE4 -ZZZZ is an unique number to customized products. Having "0" here means no further customization has been done.

STANDARD OPTIONS:

Option	Description	Available options		
A	MPPT	S = Single Master/Slave	M = Multiple MPPT Resistive grounding only.	\\
B	Grounding	S = Solid	R = Resistive	F = Floating
C	Array configuration	N = Negative gnd	P = Positive gnd	\\
D	Fuse block (max fuse size)	2 = 200 Amps	4 = 400 Amps	\\
E	Communication	R = Modbus RTU	T = Modbus TCP	I = Ethernet IP
F	Zone level monitoring	1=Yes	0 = No	\\
G	Programmable MPPT sweep	1=Yes	0 = No	\\
H	IR window	1=Yes	0 = No	\\
J	Leakage current monitor	1=Yes	0 = No	\\
K	Array ground insulation monitor	1=Yes	0 = No	\\
L	Cable glands	1=Yes	0 = No	\\

Date: 19.09.2014

Certification Body

Signature :


Marco Piva



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