

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



Registration No.: AK 60120364 0001

Report No.: 28110632 017

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: UNO-DM-6.0-TL-PLUS-XYK-JVN
XYK = X:or blank or "S" (DC Switch)
Y:or blank or "B" (WLAN comm.)
or "E" (WLAN comm./Ethernet board) and "K": blank
JVN = J:or blank or "X" (with UNO-DM-COM KIT)
V:or blank or "G" (with cable gland) and "N": blank

Tested acc. to: EN 61683:2000
IEC 61683:1999
CEI EN 61683:2010

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 06.06.2017

Certification Body

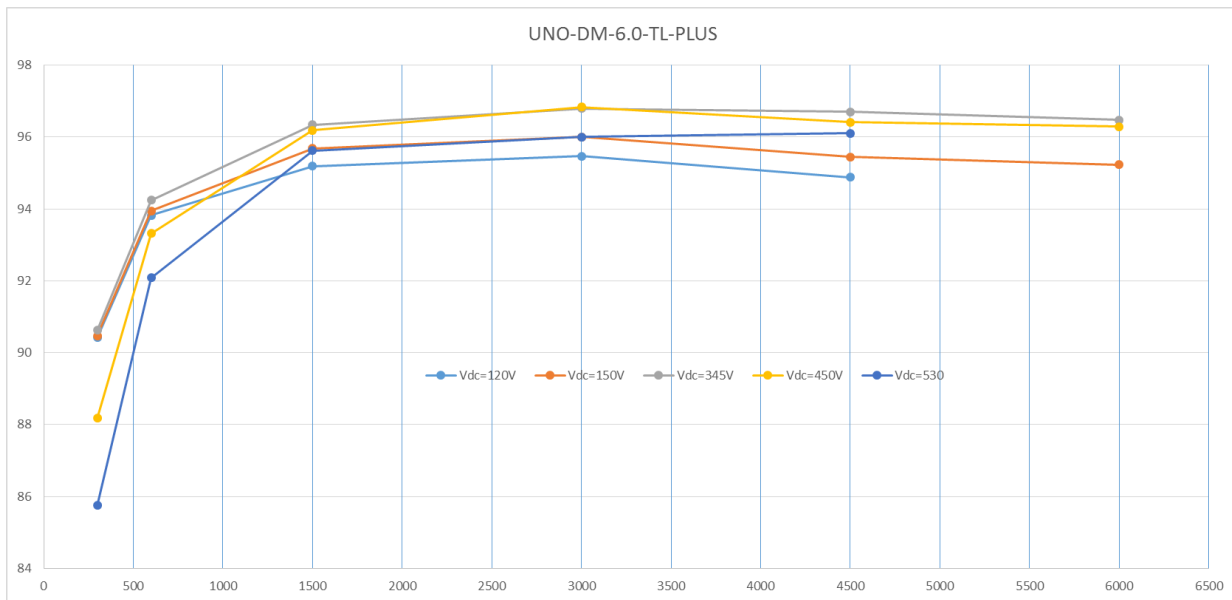

Marco Piva



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

TABLE 4.a Efficiency measurement conditions test results

		Temperature 25°C OUTPUT Voltage: 230Vac, 50Hz						
		Power Level						
		5%	10%	25%	50%	75%	100%	120%
Input voltage (Vdc)		300	600	1500	3000	4500	6000	--
		η in [%]						
		Rated Power Efficiency and Partial Output Efficiency						
Vmin	120	90.421	93.827	95.187	95.467	94.877	--	--
Vmin (Full Power)	150	90.467	93.95	95.689	96.006	95.446	95.228	--
Vnominal	345	90.622	94.239	96.344	96.793	96.7	96.478	--
Vmax (Full Power)	450	88.178	93.317	96.187	96.832	96.41	96.295	--
Vmax	530	85.753	92.083	95.622	96.005	96.109	--	--



No-Load Loss

Inverter connected to the AC main, supplied with nominal input voltage

W1= 1.3W (AC realis opened)

W1= 23W (AC realis closed)

Standby Loss

Inverter connected to the AC main (AC realis opened) with input source de-energized

W2= 1.3mW