



# Test Certificate

## N° 2210 / 1230-IEC-E3 - CER

SGS Tecnos, S.A., Electrical Testing Laboratory accredited, according for testing of "SAFETY OF ELECTRICAL / ELECTRONICS, ME & IT EQUIPMENTS" and "ELECTROMAGNETIC COMPATIBILITY".

**CERTIFIES** that the next products:

|  |   |
|--|---|
| Equipment Description.....:  | SOLAR INVERTERS   |
| Trade Mark.....:   | ABB Oy  |
| Models .....   | PVS800-57-0100kW-A(1); PVS800-57-0250kW-A(2), PVS800-57-0500kW-A(2); PVS800-57-0630kW-B(3); PVS800-57-0315kW-B(3), PVS800-57-0750kW-A(3); PVS800-57-0875kW-B(3) and PVS800-57-1000kW-C(3).  |
| (1):Model fully tested<br>(2):Models partiality tested<br>(3):Extension models |   |
| Control version .....  | ISXR7330  |
| Ratings.....:  | <p><b>MODEL: PVS800-57-0100kW-A</b><br/>Input: 450-825 Vdc (1000 Vdc MAX.) 230 A MAX.<br/>Output: 300 V 3 ~ 50/60 Hz 100 kW 195 A</p> <p><b>MODEL: PVS800-57-0500kW-A</b><br/>Input: 450-825 Vdc (1000 Vdc MAX.) 1145 A MAX.<br/>Output: 300 V 3 ~ 50/60 Hz 500 kW 965 A</p> <p><b>MODEL: PVS800-57-0630kW-B</b><br/>Input: 525-825 Vdc (1000 Vdc MAX.) 1230 A MAX.<br/>Output: 350 V 3 ~ 50/60 Hz 500 kW 1040 A</p> <p><b>MODEL: PVS800-57-0250kW-A</b><br/>Input: 450-825 Vdc (1000 Vdc MAX.) 575 A MAX.<br/>Output: 300 V 3 ~ 50/60 Hz 250 kW 485 A</p> <p><b>MODEL: PVS800-57-0315kW-B</b><br/>Input: 525-825 Vdc (1000 Vdc MAX.) 615 A MAX.<br/>Output: 350 V 3 ~ 50/60 Hz 250 kW 520 A</p> <p><b>MODEL: PVS800-57-0750kW-A</b><br/>Input: 450-825 Vdc (1100 Vdc MAX.) 1710 A MAX.<br/>Output: 300 V 3 ~ 50/60 Hz 750 kW 1445 A</p> <p><b>MODEL: PVS800-57-0875kW-B</b><br/>Input: 525-825 Vdc (1100 Vdc MAX.) 1710 A MAX.<br/>Output: 350 V 3 ~ 50/60 Hz 875 kW 1445 A</p> <p><b>MODEL: PVS800-57-1000kW-C</b><br/>Input: 600-850 Vdc (1100 Vdc MAX.) 1710 A MAX.<br/>Output: 400 V 3 ~ 50/60 Hz 1000 kW 1445 A</p> |
| Applicant & Manufacturer .....   | ABB Oy Drives   |
| Address .....  | Hiomotie, 13. - P.O. Box 184.<br>00381 HELSINKI (Finland)   |

Were tested and found to be in **CONFORMITY** with the applicable requirements specified in the next standard:

**-IEC 62116: 2008**, Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters.

**This certificate, issued by SGS Tecnos, is laid down upon results, analysis y verifications detailed in the reference Test Report n° 2210/1230-IEC-E2.**

Madrid, 22<sup>th</sup> March, 2013



**FERNANDO MONTES CLAVER**  
Technical Manager of the E&E Lab

This Certificate applies only to the checking of Test Report and the verifying of correct application of harmonised standards.  
This Certificate does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by SGS to this or any related product.  
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