



IEC 62116:2014

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

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| Report reference No | 21PP474-02_0 | |
| Tested by | Michel Fonkam Fomat | <i>Michel Fonkam-Fomat</i> <small>- Digitally signed see http://ca.kiwa-deutschland.de for more details -</small> |
| Approved by | Nikolaos Petrisis | <i>Nikolaos Petrisis</i> <small>- Digitally signed see http://ca.kiwa-deutschland.de for more details -</small> |
| Date of issue | 2021-12-08 | |
| Testing Laboratory Name | Kiwa Primara GmbH |   <small>Deutsche Akkreditierungsstelle D-PL-12089-01-01</small> |
| Address | Gewerbestraße. 28, 87600 Kaufbeuren, Germany | |
| Testing location | Same as above | |
| Applicant's Name | Studer Innotec SA | |
| Address | Rue des Casernes 57, 1950 Sion Switzerland. | |
| Test specification | | |
| Standard | IEC 62116:2014 | |
| Test Report Form No. | IEC62116_B | |
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| Test item description | Battery storage system with optional PV Inputs | |
| Model / Type | nx3 16000-48 st and nx3 16000-48 t | |
| Ratings | nx3 16000-48 st | nx3 16000-48 t |
| Input Voltage: | 38-68Vdc Bat 100V-900Vdc PV | 38-68Vdc Bat |
| Input current: | 350Adc Bat 22Adc PV | 350Adc Bat |
| Output Voltage: | 3x230Vac/400Vac, 50Hz, Cosφ0,8 ind, cosφ0,8cap | 3x230Vac/400Vac, 50Hz, Cosφ0,8 ind, cosφ0,8cap |
| Output current: | 3x22Aac | 3x22Aac |
| Output power: | 15kW | 15kW |