



## IEC 62116:2014

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

<b>Report reference No</b> .....	21PP474-02_0	
<b>Tested by</b> .....	Michel Fonkam Fomat	<i>Michel Fonkam-Fomat</i> <small>- Digitally signed   see <a href="http://ca.kiwa-deutschland.de">http://ca.kiwa-deutschland.de</a> for more details -</small>
<b>Approved by</b> .....	Nikolaos Petrisis	<i>Nikolaos Petrisis</i> <small>- Digitally signed   see <a href="http://ca.kiwa-deutschland.de">http://ca.kiwa-deutschland.de</a> for more details -</small>
<b>Date of issue</b> .....	2021-12-08	
<b>Testing Laboratory Name</b> .....	<b>Kiwa Primara GmbH</b>	  <small>Deutsche Akkreditierungsstelle D-PL-12089-01-01</small>
<b>Address</b> .....	Gewerbestraße. 28, 87600 Kaufbeuren, Germany	
<b>Testing location</b> .....	Same as above	
<b>Applicant's Name</b> .....	<b>Studer Innotec SA</b>	
<b>Address</b> .....	Rue des Casernes 57, 1950 Sion Switzerland.	
<b>Test specification</b>		
<b>Standard</b> .....	IEC 62116:2014	
<b>Test Report Form No.</b> .....	IEC62116_B	
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<b>Test item description</b> .....	Battery storage system with optional PV Inputs	
<b>Model / Type</b> .....	nx3 16000-48 st and nx3 16000-48 t	
<b>Ratings</b> .....	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