



# IEC 61850 Certificate Level A<sup>1</sup>

No. 74105511-OPE/INC 14-1206

Issued to:  
CYG SUNRI Co., Ltd.  
No. 3, Langshan 1<sup>st</sup> Road,  
Hi-tech Park, Nanshan District, Shenzhen  
China

For the 92LE publisher:  
PRS-7395 Smart Terminal & Merging Unit  
Firmware version: 2.3.2.01  
S/N: 3000000001776381  
Supporting:  
3 phase voltage and current  
Neutral is measured



Issued by:

The 92LE publisher has not shown to be non-conforming to:

## IEC 61850 First Edition Parts 6, 7-2 and 9-2

Communication networks and systems in substations

The conformance test has been performed according to IEC 61850-10 and the UCAIUG "Test procedures version 1.1 for Sampled Values Publishers according to the "Implementation Guideline for Digital Interface to Instrument Transformers using IEC 61850-9-2 (9-2LE version 2.1)" with 92LE publisher's protocol implementation conformance statement: "Protocol Implementation Conformance Statement for the IEC 61850 interface in PRS-7395" and extra information for testing: "Protocol Implementation eXtra Information for Testing (PIXIT) for the IEC 61850 interface in PRS-7395".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases:

11a Sampled Value publish (13/17)	50 Hz with 80 samples per cycle
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This certificate includes a summary of the test results as carried out at DNV KEMA in the Netherlands with UniCA 61850 Analyzer version 5.26.04. This document has been issued for information purposes only, and the original paper copy of the DNV KEMA test report No. 74105511-OPE/INC 14-1205 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to DNV KEMA by CYG SUNRI Co., Ltd. The manufacturer's production process has not been assessed. This attestation does not imply that DNV KEMA has certified or approved any product other than the specimen tested.

Arnhem, April 9, 2014

M. Adriaensen  
Head of Department Operational Excellence

R. Schimmel  
Certification Manager

<sup>1</sup> Level A - Independent test lab with certified ISO 9001 Quality System



Applicable test procedures from the UCAIUG: Test procedures version 1.1 for Sampled Values Publishers according to the "Implementation Guideline for Digital Interface to Instrument Transformers using IEC 61850-9-2 (9-2LE version 2.1)"

Conformance Block	Mandatory	Conditional
Configuration	Cnf1, Cnf2, Cnf3, Cnf4, Cnf5, Cnf6, Cnf7, Cnf8	
11a Sampled Value Publishing 50 Hz, 80 samples/cycle	Svp1, Svp2, Svp3, Svp6, Svp10, Svp11, Svp14, Svp15	Svp4, Svp8, Svp12, Svp13, Svp16