



Product Service

## PROTOTYPE CONFIRMATION

**Dated: 2023-08-25**

Applicant:

Shenzhen Sinexcel Electric Co., Ltd.

Building 6, BaiWangXin High-tech Industrial Park,  
Nanshan District, 518055 Shenzhen City, PEOPLE'S  
REPUBLIC OF CHINA

Product:

Energy storage inverter

Model:

PWS1-1725KTL-H-EX-xMyzz

(x=1, 2, 3, 4, 5, 6, 7 or 8, stands for number of PCS-  
AC module(s))

(y=1, 2, 4 or 8, stands for number of DC switch(es))  
(zz=-O or blank, stands for outdoor/indoor use, in  
which "-O" for outdoor, blank for indoor)

According to:

VDE-AR-N 4110:2018, VDE-AR-N 4120:2018

Note:

The following data sheet and test data are evaluated  
according to Clause 12 of VDE-AR-N 4110:2018 and  
VDE-AR-N 4120:2018 for confirmation of regulation  
for prototypes:

- Electrical data
- Schematic overview circuit diagram of the power generating unit
- Operating ranges of the power generating unit
- Protection functions with setting ranges
- Active power control
- Reactive power control
- Dynamic reactive current feed-in
- Declaration of the manufacturer stating compliance  
of VDE-AR-N 4110:2018 and VDE-AR-N 4120:2018  
of above models

Test report No.:

64.290.23.30583.01

**TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch**



**Senior Project Engineer  
Kennen Wang**

This Verification confirms that the test results of the presented product in the above listed test report are in compliance with the specified requirements. This Verification is part of the full test report(s) and should be read in conjunction with it.

