

## SELF DECLARATION OF CONFORMITY OF CYBER SECURITY

The manufacture certifies that the following designated product:

Isuna 10000T、 Isuna 12000T、 Isuna 15000T、 Isuna 18000T、 Isuna 20000T

is designed and operated appropriately to comply with cyber-security requirements of G99 by considering managing security risk, minimizing the impact of security incidents, protecting against cyber-attack, detecting cyber-security events and the safe communication between any energy management system etc and also in terms of interaction with any other systems of the Distribution Energy Resource appliances.

Details are as follows :

The RHI supports Modbus protocol, adopts RS485 and facilitates users to conduct background monitoring for the RHI and realizes remote signaling, remote metering, remote control and remote regulating of Resdential hybrid inverter.

1.BMS Port: The physical layer uses the RS485 or CAN communication interface to manage and control the connected battery system.Dedicated Protocol Provided by Sinexcel Isuna is based on MODBUS RTU,The CAN message format follows the CAN2.0B specification .

2.WIFI/4G: Use web/APP to enter the RHI control interface to set up settings or parameters ,with two levels of password protection to ensure network security.

3. cloud platform: Cloud platform is used to upload and store the RHI data to the cloud server. After storage, the operating data of the inverter can be accessed through the web page and the corresponding inverter equipment can be controlled. Different cloud servers, different databases, and all data related to overseas devices are used in domestic and foreign regions, which will be stored on overseas servers and will not be transmitted back to China to ensure data and information security issues.

4.standard: Sinexcel Isuna Resdential hybrid inverter comply with ETSI EN303 645 standard requirements, including the following items:1.relevant aspects of PAS 1879 “Energy smart appliances-Demand side response operation-Code of practice”;2.relevant aspects of “Distributed Energy Resources –Cyber Security Connection Guidance”published by BEIS and the ENA;3.Any other relevant standard that has been incorporated in the design of the Power Generating Module.

Sinexcel Isuna Resdential hybrid inverter uses the preceding method for external interaction to ensure cyber security of the system.

Issue by :

Manufacturer :Shenzhen Sinexcel Isuna Energy Technology Co., Ltd.

**Address:** Room 301, Building 6,BaiWangXin High-tech Industrial Park,Nanshan District,Shenzhen City, China

