

## Declaration of conformity in accordance with the FNN notice " Connection and operation of storage systems on the low-voltage grid " (2022)

Shenzhen SOFARSOLAR Co., Ltd. confirms that the storage systems listed below in combination with a compatible battery storage system meet the requirements of chapters 4.10 and 4.11 and 4.12 of the VDE FNN Guideline "Connection and operation of storage systems on the low-voltage grid" 2022.

The storage system with the inverters listed below belong to category 4.10. B): Storage without delivery to the public grid. Under Section 4.10, it is ensured that in the case of legally subsidized generation systems, only the subsidized electricity is fed into the public grid. This is ensured using the devices listed below in conjunction with suitable software settings. In the event of technically necessary storage charging from the public grid (e.g. to prevent deep discharge of the storage system and thus to prevent it from being damaged), it is technically ensured that the electricity drawn from the grid is no longer fed back into the public grid.

In accordance with section 4.11, it is hereby confirmed that a functional test of the energy flow direction sensor has been carried out in accordance with section 4.10. The proper functioning of the sensor is therefore confirmed.

According to Section 4.12, the inverters can be set so that the feed-in power to the AC grid is limited to predefined values between 0 W and the nominal power of the inverter. Zero feed-in can be achieved by selecting the value 0 W.

The accuracy:Class B for smart meter.

The power control speed:Adjust the power from 100% to 0% within 2S.

INVERTER	ADDITIONAL NECESSARY ACCESSORIES
HYD 3000-EP ... 6000-EP	Smart meters
HYD 5KTL-3PH ... 20KTL-3PH	Smart meters
ESI 3...6K-S1-HA1...6	Smart meters

### Notified body:

Shenzhen SOFARSOLAR Co., Ltd.

### Singed for and on behalf of:

Rock Xiao  
Name, signature